

Appendix C:

Air Quality, Energy and Greenhouse Gas Emissions Modeling Data

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

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Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied. Reductions: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require CARB certified Tier 4 construction equipment.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58

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tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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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
Year	tons/yr										MT/yr					
2023	3.4787	7.2026	21.8847	0.0721	6.6806	0.1695	6.8501	1.7875	0.1588	1.9463	0.0000	6,678.0477	6,678.0477	0.2650	0.3625	6,792.7024
2024	6.7131	14.0319	41.5293	0.1418	13.4640	0.3208	13.7849	3.6024	0.3004	3.9027	0.0000	13,139.5821	13,139.5821	0.5073	0.7049	13,362.3144
2025	6.4512	14.0839	38.7039	0.1373	16.8012	0.3200	17.1212	4.9301	0.2981	5.2282	0.0000	12,725.6020	12,725.6020	0.5012	0.6763	12,939.6576
2026	6.2865	14.1658	37.6687	0.1367	15.1919	0.3232	15.5151	4.1290	0.3010	4.4300	0.0000	12,648.2515	12,648.2515	0.5646	0.6533	12,857.0344
2027	6.0849	13.9223	35.8871	0.1333	15.1919	0.3196	15.5115	4.1290	0.2977	4.4267	0.0000	12,333.5133	12,333.5133	0.5454	0.6321	12,535.5198
2028	5.7016	11.9743	33.2290	0.1262	14.6058	0.2525	14.8582	3.8227	0.2359	4.0586	0.0000	11,698.4088	11,698.4088	0.4294	0.6108	11,891.1633
2029	5.4603	11.0197	31.5523	0.1223	13.4126	0.2196	13.6322	3.5886	0.2057	3.7943	0.0000	11,339.3936	11,339.3936	0.3689	0.5963	11,526.3007
2030	5.1608	9.1312	28.5447	0.1173	13.3915	0.1089	13.5004	3.5830	0.1037	3.6867	0.0000	10,881.1313	10,881.1313	0.2136	0.5810	11,059.6005
2031	4.9976	9.0069	27.6811	0.1151	13.3911	0.1048	13.4959	3.5829	0.0998	3.6827	0.0000	10,680.2805	10,680.2805	0.2022	0.5678	10,854.5273
2032	4.8725	8.9300	26.9521	0.1136	13.4424	0.1026	13.5450	3.5966	0.0978	3.6945	0.0000	10,541.2645	10,541.2645	0.1928	0.5585	10,712.5220
2033	4.7084	8.7709	26.0371	0.1111	13.3398	0.0995	13.4393	3.5692	0.0949	3.6641	0.0000	10,303.8446	10,303.8446	0.1825	0.5446	10,470.6985
2034	4.5949	8.6904	25.4026	0.1096	13.3398	0.0973	13.4371	3.5692	0.0929	3.6621	0.0000	10,165.0485	10,165.0485	0.1746	0.5362	10,329.1944
2035	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2036	4.5158	8.5765	25.0522	0.1091	13.4424	0.0871	13.5295	3.5966	0.0828	3.6795	0.0000	10,120.8835	10,120.8835	0.1679	0.5331	10,283.9533
2037	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2038	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2039	4.4813	8.5111	24.8610	0.1083	13.3398	0.0865	13.4262	3.5692	0.0822	3.6514	0.0000	10,043.6249	10,043.6249	0.1666	0.5291	10,205.4498
2040	4.1278	8.3161	23.1755	0.1044	13.3911	0.0777	13.4688	3.5829	0.0739	3.6568	0.0000	9,680.7941	9,680.7941	0.1424	0.5084	9,835.8479
Maximum	6.7131	14.1658	41.5293	0.1418	16.8012	0.3232	17.1212	4.9301	0.3010	5.2282	0.0000	13,139.5821	13,139.5821	0.5646	0.7049	13,362.3144

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2.1 Overall Construction

Mitigated Construction

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.4787	7.2026	21.8847	0.0721	6.6806	0.1695	6.8501	1.7875	0.1588	1.9463	0.0000	6,678.0472	6,678.0472	0.2650	0.3625	6,792.7019
2024	6.7131	14.0318	41.5293	0.1418	13.4640	0.3208	13.7849	3.6024	0.3004	3.9027	0.0000	13,139.5811	13,139.5811	0.5073	0.7049	13,362.3134
2025	6.4512	14.0838	38.7039	0.1373	14.6708	0.3200	14.9908	4.0864	0.2981	4.3845	0.0000	12,725.6011	12,725.6011	0.5012	0.6763	12,939.6567
2026	6.2865	14.1658	37.6687	0.1367	14.0764	0.3232	14.3995	3.7900	0.3010	4.0910	0.0000	12,648.2502	12,648.2502	0.5645	0.6533	12,857.0332
2027	6.0849	13.9223	35.8871	0.1333	14.0764	0.3196	14.3960	3.7900	0.2977	4.0877	0.0000	12,333.5120	12,333.5120	0.5454	0.6321	12,535.5186
2028	5.7016	11.9743	33.2290	0.1262	13.8238	0.2525	14.0762	3.6671	0.2359	3.9030	0.0000	11,698.4079	11,698.4079	0.4294	0.6108	11,891.1624
2029	5.4603	11.0197	31.5523	0.1223	13.4126	0.2196	13.6322	3.5886	0.2057	3.7943	0.0000	11,339.3929	11,339.3929	0.3689	0.5963	11,526.3000
2030	5.1608	9.1312	28.5447	0.1173	13.3915	0.1089	13.5004	3.5830	0.1037	3.6867	0.0000	10,881.1308	10,881.1308	0.2136	0.5810	11,059.6000
2031	4.9976	9.0069	27.6811	0.1151	13.3911	0.1048	13.4959	3.5829	0.0998	3.6827	0.0000	10,680.2801	10,680.2801	0.2022	0.5678	10,854.5269
2032	4.8725	8.9300	26.9521	0.1136	13.4424	0.1026	13.5450	3.5966	0.0978	3.6945	0.0000	10,541.2641	10,541.2641	0.1928	0.5585	10,712.5216
2033	4.7084	8.7709	26.0371	0.1111	13.3398	0.0995	13.4393	3.5692	0.0949	3.6641	0.0000	10,303.8442	10,303.8442	0.1825	0.5446	10,470.6981
2034	4.5949	8.6904	25.4026	0.1096	13.3398	0.0973	13.4371	3.5692	0.0929	3.6621	0.0000	10,165.0480	10,165.0480	0.1746	0.5362	10,329.1939
2035	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2036	4.5158	8.5765	25.0522	0.1091	13.4424	0.0871	13.5295	3.5966	0.0828	3.6795	0.0000	10,120.8831	10,120.8831	0.1679	0.5331	10,283.9528
2037	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2038	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2039	4.4813	8.5111	24.8610	0.1083	13.3398	0.0865	13.4262	3.5692	0.0822	3.6514	0.0000	10,043.6244	10,043.6244	0.1666	0.5291	10,205.4494
2040	4.1278	8.3161	23.1755	0.1044	13.3911	0.0777	13.4688	3.5829	0.0739	3.6568	0.0000	9,680.7936	9,680.7936	0.1424	0.5084	9,835.8475
Maximum	6.7131	14.1658	41.5293	0.1418	14.6708	0.3232	14.9908	4.0864	0.3010	4.3845	0.0000	13,139.5811	13,139.5811	0.5645	0.7049	13,362.3134

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	2.12	0.00	2.09	2.57	0.00	2.46	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	7-1-2023	9-30-2023	5.3700	5.3700
2	10-1-2023	12-31-2023	5.4503	5.4503
3	1-1-2024	3-31-2024	5.1965	5.1965
4	4-1-2024	6-30-2024	5.1153	5.1153
5	7-1-2024	9-30-2024	5.1715	5.1715
6	10-1-2024	12-31-2024	5.2536	5.2536
7	1-1-2025	3-31-2025	5.0853	5.0853
8	4-1-2025	6-30-2025	5.0832	5.0832
9	7-1-2025	9-30-2025	5.1390	5.1390
10	10-1-2025	12-31-2025	5.2431	5.2431
11	1-1-2026	3-31-2026	5.0863	5.0863
12	4-1-2026	6-30-2026	5.0601	5.0601
13	7-1-2026	9-30-2026	5.1157	5.1157
14	10-1-2026	12-31-2026	5.1993	5.1993
15	1-1-2027	3-31-2027	4.9760	4.9760
16	4-1-2027	6-30-2027	4.9481	4.9481
17	7-1-2027	9-30-2027	5.0024	5.0024
18	10-1-2027	12-31-2027	5.0865	5.0865
19	1-1-2028	3-31-2028	4.9339	4.9339
20	4-1-2028	6-30-2028	4.3696	4.3696
21	7-1-2028	9-30-2028	4.2016	4.2016
22	10-1-2028	12-31-2028	4.2860	4.2860
23	1-1-2029	3-31-2029	4.1047	4.1047

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24	4-1-2029	6-30-2029	4.0663	4.0663
25	7-1-2029	9-30-2029	4.1110	4.1110
26	10-1-2029	12-31-2029	4.1959	4.1959
27	1-1-2030	3-31-2030	3.5721	3.5721
28	4-1-2030	6-30-2030	3.5150	3.5150
29	7-1-2030	9-30-2030	3.5537	3.5537
30	10-1-2030	12-31-2030	3.6390	3.6390
31	1-1-2031	3-31-2031	3.4913	3.4913
32	4-1-2031	6-30-2031	3.4451	3.4451
33	7-1-2031	9-30-2031	3.4830	3.4830
34	10-1-2031	12-31-2031	3.5689	3.5689
35	1-1-2032	3-31-2032	3.4650	3.4650
36	4-1-2032	6-30-2032	3.3794	3.3794
37	7-1-2032	9-30-2032	3.4166	3.4166
38	10-1-2032	12-31-2032	3.5031	3.5031
39	1-1-2033	3-31-2033	3.3715	3.3715
40	4-1-2033	6-30-2033	3.3227	3.3227
41	7-1-2033	9-30-2033	3.3592	3.3592
42	10-1-2033	12-31-2033	3.4465	3.4465
43	1-1-2034	3-31-2034	3.3222	3.3222
44	4-1-2034	6-30-2034	3.2717	3.2717
45	7-1-2034	9-30-2034	3.3077	3.3077
46	10-1-2034	12-31-2034	3.3960	3.3960
47	1-1-2035	3-31-2035	3.2485	3.2485
48	4-1-2035	6-30-2035	3.1961	3.1961
49	7-1-2035	9-30-2035	3.2313	3.2313
50	10-1-2035	12-31-2035	3.3207	3.3207
51	1-1-2036	3-31-2036	3.2846	3.2846
52	4-1-2036	6-30-2036	3.1961	3.1961

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53	7-1-2036	9-30-2036	3.2313	3.2313
54	10-1-2036	12-31-2036	3.3207	3.3207
55	1-1-2037	3-31-2037	3.2485	3.2485
56	4-1-2037	6-30-2037	3.1961	3.1961
57	7-1-2037	9-30-2037	3.2313	3.2313
58	10-1-2037	12-31-2037	3.3207	3.3207
59	1-1-2038	3-31-2038	3.2485	3.2485
60	4-1-2038	6-30-2038	3.1961	3.1961
61	7-1-2038	9-30-2038	3.2313	3.2313
62	10-1-2038	12-31-2038	3.3207	3.3207
63	1-1-2039	3-31-2039	3.2485	3.2485
64	4-1-2039	6-30-2039	3.1961	3.1961
65	7-1-2039	9-30-2039	3.2313	3.2313
66	10-1-2039	12-31-2039	3.3207	3.3207
67	1-1-2040	3-31-2040	3.1304	3.1304
68	4-1-2040	6-30-2040	3.0368	3.0368
69	7-1-2040	9-30-2040	3.0701	3.0701
		Highest	5.4503	5.4503

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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	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	66.1913	26.8212	235.4659	0.3240	38.1168	1.1918	39.3086	10.1753	1.1815	11.3568	1,903.9904	48,378.7151	50,282.7055	126.8789	2.4487	54,184.3859

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	66.1913	26.8212	235.4659	0.3240	38.1168	1.1918	39.3086	10.1753	1.1815	11.3568	1,903.9904	48,378.7151	50,282.7055	126.8789	2.4487	54,184.3859

	ROG	NOx	CO	SO2	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	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	

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4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240
5	Grading	Grading	12/13/2025	4/28/2028	5	620
6	Paving	Paving	4/29/2028	1/4/2030	5	440

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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

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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	0.00	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	7,132.00	1,392.00	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	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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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 - 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	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954
Total	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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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 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951
Total	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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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					
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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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					
Off-Road	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940
Total	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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3.2 Demolition - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940
Total	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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3.3 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	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	1.7164	4.5430	16.3948	0.0590	5.6536	0.0494	5.7031	1.5147	0.0463	1.5610	0.0000	5,497.6553	5,497.6553	0.1453	0.3408	5,602.8305

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3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	1.7164	4.5430	16.3948	0.0590	5.6536	0.0494	5.7031	1.5147	0.0463	1.5610	0.0000	5,497.6553	5,497.6553	0.1453	0.3408	5,602.8305

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	3.2256	8.9410	30.8922	0.1159	11.3942	0.0967	11.4910	3.0527	0.0908	3.1434	0.0000	10,806.8529	10,806.8529	0.2705	0.6642	11,011.5566

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	3.2256	8.9410	30.8922	0.1159	11.3942	0.0967	11.4910	3.0527	0.0908	3.1434	0.0000	10,806.8529	10,806.8529	0.2705	0.6642	11,011.5566

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	3.0016	8.6334	28.6930	0.1120	11.3507	0.0938	11.4445	3.0410	0.0880	3.1291	0.0000	10,444.2565	10,444.2565	0.2485	0.6385	10,640.7471

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	3.0016	8.6334	28.6930	0.1120	11.3507	0.0938	11.4445	3.0410	0.0880	3.1291	0.0000	10,444.2565	10,444.2565	0.2485	0.6385	10,640.7471

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	2.8180	8.3933	26.9574	0.1088	11.3507	0.0911	11.4418	3.0410	0.0855	3.1265	0.0000	10,151.2457	10,151.2457	0.2301	0.6178	10,341.0982

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	2.8180	8.3933	26.9574	0.1088	11.3507	0.0911	11.4418	3.0410	0.0855	3.1265	0.0000	10,151.2457	10,151.2457	0.2301	0.6178	10,341.0982

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	2.6498	8.1823	25.4711	0.1059	11.3507	0.0881	11.4388	3.0410	0.0827	3.1237	0.0000	9,878.8692	9,878.8692	0.2138	0.5986	10,062.5969

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

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	2.6498	8.1823	25.4711	0.1059	11.3507	0.0881	11.4388	3.0410	0.0827	3.1237	0.0000	9,878.8692	9,878.8692	0.2138	0.5986	10,062.5969

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	2.4853	7.9782	24.1373	0.1029	11.3072	0.0847	11.3919	3.0294	0.0796	3.1090	0.0000	9,595.6220	9,595.6220	0.1991	0.5791	9,773.1741

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	2.4853	7.9782	24.1373	0.1029	11.3072	0.0847	11.3919	3.0294	0.0796	3.1090	0.0000	9,595.6220	9,595.6220	0.1991	0.5791	9,773.1741

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	2.3465	7.8579	23.1468	0.1009	11.3507	0.0822	11.4329	3.0410	0.0773	3.1183	0.0000	9,410.5795	9,410.5795	0.1874	0.5659	9,583.8901

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	2.3465	7.8579	23.1468	0.1009	11.3507	0.0822	11.4329	3.0410	0.0773	3.1183	0.0000	9,410.5795	9,410.5795	0.1874	0.5659	9,583.8901

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	2.2084	7.7272	22.2257	0.0988	11.3507	0.0795	11.4302	3.0410	0.0748	3.1158	0.0000	9,211.3019	9,211.3019	0.1764	0.5520	9,380.2156

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	2.2084	7.7272	22.2257	0.0988	11.3507	0.0795	11.4302	3.0410	0.0748	3.1158	0.0000	9,211.3019	9,211.3019	0.1764	0.5520	9,380.2156

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	2.0745	7.6346	21.5317	0.0969	11.3507	0.0765	11.4272	3.0410	0.0720	3.1130	0.0000	9,040.1674	9,040.1674	0.1668	0.5398	9,205.1962

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	2.0745	7.6346	21.5317	0.0969	11.3507	0.0765	11.4272	3.0410	0.0720	3.1130	0.0000	9,040.1674	9,040.1674	0.1668	0.5398	9,205.1962

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	1.9621	7.5671	20.9174	0.0956	11.3942	0.0746	11.4687	3.0526	0.0703	3.1229	0.0000	8,917.8472	8,917.8472	0.1587	0.5313	9,080.1332

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	1.9621	7.5671	20.9174	0.0956	11.3942	0.0746	11.4687	3.0526	0.0703	3.1229	0.0000	8,917.8472	8,917.8472	0.1587	0.5313	9,080.1332

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	1.8413	7.4304	20.1664	0.0934	11.3072	0.0721	11.3792	3.0293	0.0679	3.0973	0.0000	8,712.8823	8,712.8823	0.1499	0.5182	8,871.0655

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	1.8413	7.4304	20.1664	0.0934	11.3072	0.0721	11.3792	3.0293	0.0679	3.0973	0.0000	8,712.8823	8,712.8823	0.1499	0.5182	8,871.0655

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	1.7466	7.3600	19.6376	0.0921	11.3072	0.0702	11.3774	3.0293	0.0662	3.0955	0.0000	8,591.7299	8,591.7299	0.1431	0.5104	8,747.4004

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	1.7466	7.3600	19.6376	0.0921	11.3072	0.0702	11.3774	3.0293	0.0662	3.0955	0.0000	8,591.7299	8,591.7299	0.1431	0.5104	8,747.4004

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	1.6761	7.3579	19.3383	0.0917	11.3941	0.0690	11.4632	3.0526	0.0651	3.1178	0.0000	8,550.9493	8,550.9493	0.1382	0.5076	8,705.6625

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	1.6761	7.3579	19.3383	0.0917	11.3941	0.0690	11.4632	3.0526	0.0651	3.1178	0.0000	8,550.9493	8,550.9493	0.1382	0.5076	8,705.6625

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	1.6633	7.3017	19.1907	0.0910	11.3072	0.0685	11.3757	3.0293	0.0646	3.0940	0.0000	8,485.6749	8,485.6749	0.1372	0.5037	8,639.2071

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	1.6633	7.3017	19.1907	0.0910	11.3072	0.0685	11.3757	3.0293	0.0646	3.0940	0.0000	8,485.6749	8,485.6749	0.1372	0.5037	8,639.2071

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	1.3632	7.1652	17.7809	0.0876	11.3506	0.0632	11.4138	3.0410	0.0598	3.1007	0.0000	8,167.2090	8,167.2090	0.1167	0.4842	8,314.4171

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

3.3 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	1.3632	7.1652	17.7809	0.0876	11.3506	0.0632	11.4138	3.0410	0.0598	3.1007	0.0000	8,167.2090	8,167.2090	0.1167	0.4842	8,314.4171

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 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	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210
Total	1.1864	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210
Total	1.1864	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673

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

3.4 Architectural Coating - 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	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3896	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090

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

3.4 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3896	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090

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

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597

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

3.4 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597

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

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714

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

3.4 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714

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

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
Total	2.3701	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
Total	2.3701	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864

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

3.4 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188

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

3.4 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998

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

3.4 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
Total	2.3831	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
Total	2.3831	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060

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

3.4 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

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

3.4 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

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

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	2.3814	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436

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

3.4 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	2.3814	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436

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

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

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

3.4 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230
Total	2.3632	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822

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

3.4 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229
Total	2.3632	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822

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

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	2.3719	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397

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

3.4 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	2.3719	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397

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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 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3588	0.0000	2.3588	1.2123	0.0000	1.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2967	3.0281	2.1494	4.5700e-003		0.1304	0.1304		0.1200	0.1200	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510
Total	0.2967	3.0281	2.1494	4.5700e-003	2.3588	0.1304	2.4893	1.2123	0.1200	1.3323	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8740	0.0000	0.8740	0.4492	0.0000	0.4492	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2967	3.0281	2.1494	4.5700e-003		0.1304	0.1304		0.1200	0.1200	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505
Total	0.2967	3.0281	2.1494	4.5700e-003	0.8740	0.1304	1.0044	0.4492	0.1200	0.5691	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0254	0.0000	1.0254	0.1280	0.0000	0.1280	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0189	0.1816	0.1712	4.0000e-004		7.3500e-003	7.3500e-003		6.7600e-003	6.7600e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	0.0189	0.1816	0.1712	4.0000e-004	1.0254	7.3500e-003	1.0328	0.1280	6.7600e-003	0.1348	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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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 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3799	0.0000	0.3799	0.0474	0.0000	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0189	0.1816	0.1712	4.0000e-004	7.3500e-003	7.3500e-003		6.7600e-003	6.7600e-003		0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	0.0189	0.1816	0.1712	4.0000e-004	0.3799	7.3500e-003	0.3873	0.0474	6.7600e-003	0.0542	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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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 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6465	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.3786	3.6465	3.4362	8.1000e-003	0.6566	0.1476	0.8042	0.1995	0.1358	0.3353	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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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 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6465	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.3786	3.6465	3.4362	8.1000e-003	0.6566	0.1476	0.8042	0.1995	0.1358	0.3353	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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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 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2422	0.0000	1.2422	0.2472	0.0000	0.2472	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1233	1.1876	1.1191	2.6400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244
Total	0.1233	1.1876	1.1191	2.6400e-003	1.2422	0.0481	1.2903	0.2472	0.0442	0.2914	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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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 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4602	0.0000	0.4602	0.0916	0.0000	0.0916	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1233	1.1876	1.1191	2.6400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241
Total	0.1233	1.1876	1.1191	2.6400e-003	0.4602	0.0481	0.5083	0.0916	0.0442	0.1358	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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

3.7 Paving - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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

3.7 Paving - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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

3.7 Paving - 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	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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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	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Unmitigated	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

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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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
NaturalGas Mitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945
NaturalGas Unmitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		12,193.0846	1.0291	0.1248	12,255.9866

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		12,193.0846	1.0291	0.1248	12,255.9866

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Unmitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

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	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,102.683 7	26.4392	0.6477	3,956.690 3
Unmitigated	3,102.683 7	26.4392	0.6477	3,956.690 3

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.527 6	18.2633	0.4475	2,738.460 4
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		3,102.683 7	26.4392	0.6477	3,956.690 2

Fontana Downtown Core Project - San Bernardino-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

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.5276	18.2633	0.4475	2,738.4604
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		3,102.6837	26.4392	0.6477	3,956.6902

8.0 Waste Detail

8.1 Mitigation Measures Waste

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,648.913 9	97.4480	0.0000	4,085.114 3
Unmitigated	1,648.913 9	97.4480	0.0000	4,085.114 3

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.897 0
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mall	2343.08	475.6241	28.1086	0.0000	1,178.338 5
Total		1,648.913 9	97.4480	0.0000	4,085.114 3

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.8970
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mail	2343.08	475.6241	28.1086	0.0000	1,178.3385
Total		1,648.9139	97.4480	0.0000	4,085.1143

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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Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

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

tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00

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

tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.4787	7.2026	21.8847	0.0721	6.6806	0.1695	6.8501	1.7875	0.1588	1.9463	0.0000	6,678.0477	6,678.0477	0.2650	0.3625	6,792.7024
2024	6.7131	14.0319	41.5293	0.1418	13.4640	0.3208	13.7849	3.6024	0.3004	3.9027	0.0000	13,139.5821	13,139.5821	0.5073	0.7049	13,362.3144
2025	6.4512	14.0839	38.7039	0.1373	16.8012	0.3200	17.1212	4.9301	0.2981	5.2282	0.0000	12,725.6020	12,725.6020	0.5012	0.6763	12,939.6576
2026	6.2865	14.1658	37.6687	0.1367	15.1919	0.3232	15.5151	4.1290	0.3010	4.4300	0.0000	12,648.2515	12,648.2515	0.5646	0.6533	12,857.0344
2027	6.0849	13.9223	35.8871	0.1333	15.1919	0.3196	15.5115	4.1290	0.2977	4.4267	0.0000	12,333.5133	12,333.5133	0.5454	0.6321	12,535.5198
2028	5.7016	11.9743	33.2290	0.1262	14.6058	0.2525	14.8582	3.8227	0.2359	4.0586	0.0000	11,698.4088	11,698.4088	0.4294	0.6108	11,891.1633
2029	5.4603	11.0197	31.5523	0.1223	13.4126	0.2196	13.6322	3.5886	0.2057	3.7943	0.0000	11,339.3936	11,339.3936	0.3689	0.5963	11,526.3007
2030	5.1608	9.1312	28.5447	0.1173	13.3915	0.1089	13.5004	3.5830	0.1037	3.6867	0.0000	10,881.1313	10,881.1313	0.2136	0.5810	11,059.6005
2031	4.9976	9.0069	27.6811	0.1151	13.3911	0.1048	13.4959	3.5829	0.0998	3.6827	0.0000	10,680.2805	10,680.2805	0.2022	0.5678	10,854.5273
2032	4.8725	8.9300	26.9521	0.1136	13.4424	0.1026	13.5450	3.5966	0.0978	3.6945	0.0000	10,541.2645	10,541.2645	0.1928	0.5585	10,712.5220
2033	4.7084	8.7709	26.0371	0.1111	13.3398	0.0995	13.4393	3.5692	0.0949	3.6641	0.0000	10,303.8446	10,303.8446	0.1825	0.5446	10,470.6985
2034	4.5949	8.6904	25.4026	0.1096	13.3398	0.0973	13.4371	3.5692	0.0929	3.6621	0.0000	10,165.0485	10,165.0485	0.1746	0.5362	10,329.1944
2035	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2036	4.5158	8.5765	25.0522	0.1091	13.4424	0.0871	13.5295	3.5966	0.0828	3.6795	0.0000	10,120.8835	10,120.8835	0.1679	0.5331	10,283.9533
2037	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2038	4.4985	8.5438	24.9566	0.1087	13.3911	0.0868	13.4779	3.5829	0.0825	3.6654	0.0000	10,082.2542	10,082.2542	0.1673	0.5311	10,244.7015
2039	4.4813	8.5111	24.8610	0.1083	13.3398	0.0865	13.4262	3.5692	0.0822	3.6514	0.0000	10,043.6249	10,043.6249	0.1666	0.5291	10,205.4498
2040	4.1278	8.3161	23.1755	0.1044	13.3911	0.0777	13.4688	3.5829	0.0739	3.6568	0.0000	9,680.7941	9,680.7941	0.1424	0.5084	9,835.8479
Maximum	6.7131	14.1658	41.5293	0.1418	16.8012	0.3232	17.1212	4.9301	0.3010	5.2282	0.0000	13,139.5821	13,139.5821	0.5646	0.7049	13,362.3144

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

2.1 Overall Construction

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	3.3630	5.8872	22.1515	0.0721	6.6806	0.1079	6.7886	1.7875	0.1025	1.8899	0.0000	6,678.0472	6,678.0472	0.2650	0.3625	6,792.7019
2024	6.4826	11.4735	42.0645	0.1418	13.4640	0.2009	13.6649	3.6024	0.1907	3.7930	0.0000	13,139.5811	13,139.5811	0.5073	0.7049	13,362.3134
2025	6.2096	11.3273	39.1598	0.1373	14.6708	0.1974	14.8682	4.0864	0.1859	4.2722	0.0000	12,725.6011	12,725.6011	0.5012	0.6763	12,939.6567
2026	6.0042	10.9288	38.6081	0.1367	14.0764	0.1873	14.2637	3.7900	0.1771	3.9671	0.0000	12,648.2502	12,648.2502	0.5645	0.6533	12,857.0332
2027	5.8026	10.6853	36.8265	0.1333	14.0764	0.1838	14.2601	3.7900	0.1738	3.9638	0.0000	12,333.5120	12,333.5120	0.5454	0.6321	12,535.5186
2028	5.5911	10.7011	33.6010	0.1262	13.8238	0.1986	14.0224	3.6671	0.1868	3.8539	0.0000	11,698.4079	11,698.4079	0.4294	0.6108	11,891.1624
2029	5.4326	10.6930	31.6508	0.1223	13.4126	0.2053	13.6179	3.5886	0.1927	3.7813	0.0000	11,339.3929	11,339.3929	0.3689	0.5963	11,526.3000
2030	5.1387	9.0654	28.6868	0.1173	13.3915	0.1068	13.4982	3.5830	0.1015	3.6845	0.0000	10,881.1308	10,881.1308	0.2136	0.5810	11,059.6000
2031	4.9755	8.9410	27.8232	0.1151	13.3911	0.1027	13.4938	3.5829	0.0977	3.6806	0.0000	10,680.2801	10,680.2801	0.2022	0.5678	10,854.5269
2032	4.8503	8.8639	27.0947	0.1136	13.4424	0.1005	13.5429	3.5966	0.0957	3.6923	0.0000	10,541.2641	10,541.2641	0.1928	0.5585	10,712.5216
2033	4.6864	8.7053	26.1786	0.1111	13.3398	0.0974	13.4371	3.5692	0.0928	3.6619	0.0000	10,303.8442	10,303.8442	0.1825	0.5446	10,470.6981
2034	4.5729	8.6248	25.5441	0.1096	13.3398	0.0952	13.4349	3.5692	0.0907	3.6599	0.0000	10,165.0480	10,165.0480	0.1746	0.5362	10,329.1939
2035	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2036	4.4964	8.5491	25.1953	0.1091	13.4424	0.0860	13.5284	3.5966	0.0818	3.6784	0.0000	10,120.8831	10,120.8831	0.1679	0.5331	10,283.9528
2037	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2038	4.4793	8.5164	25.0992	0.1087	13.3911	0.0857	13.4768	3.5829	0.0814	3.6643	0.0000	10,082.2537	10,082.2537	0.1673	0.5311	10,244.7011
2039	4.4621	8.4838	25.0030	0.1083	13.3398	0.0854	13.4252	3.5692	0.0811	3.6503	0.0000	10,043.6244	10,043.6244	0.1666	0.5291	10,205.4494
2040	4.1096	8.3048	23.3180	0.1044	13.3911	0.0770	13.4681	3.5829	0.0732	3.6561	0.0000	9,680.7936	9,680.7936	0.1424	0.5084	9,835.8475
Maximum	6.4826	11.4735	42.0645	0.1418	14.6708	0.2053	14.8682	4.0864	0.1927	4.2722	0.0000	13,139.5811	13,139.5811	0.5645	0.7049	13,362.3134

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.66	8.34	-0.99	0.00	2.12	22.40	2.36	2.57	21.82	3.35	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	7-1-2023	9-30-2023	5.3700	4.6465
2	10-1-2023	12-31-2023	5.4503	4.7268
3	1-1-2024	3-31-2024	5.1965	4.5046
4	4-1-2024	6-30-2024	5.1153	4.4234
5	7-1-2024	9-30-2024	5.1715	4.4720
6	10-1-2024	12-31-2024	5.2536	4.5541
7	1-1-2025	3-31-2025	5.0853	4.3626
8	4-1-2025	6-30-2025	5.0832	4.3396
9	7-1-2025	9-30-2025	5.1390	4.3873
10	10-1-2025	12-31-2025	5.2431	4.4636
11	1-1-2026	3-31-2026	5.0863	4.2194
12	4-1-2026	6-30-2026	5.0601	4.1837
13	7-1-2026	9-30-2026	5.1157	4.2297
14	10-1-2026	12-31-2026	5.1993	4.3132
15	1-1-2027	3-31-2027	4.9760	4.1091
16	4-1-2027	6-30-2027	4.9481	4.0716
17	7-1-2027	9-30-2027	5.0024	4.1163
18	10-1-2027	12-31-2027	5.0865	4.2004
19	1-1-2028	3-31-2028	4.9339	4.0575
20	4-1-2028	6-30-2028	4.3696	4.0388
21	7-1-2028	9-30-2028	4.2016	4.1124
22	10-1-2028	12-31-2028	4.2860	4.1968
23	1-1-2029	3-31-2029	4.1047	4.0174

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24	4-1-2029	6-30-2029	4.0663	3.9781
25	7-1-2029	9-30-2029	4.1110	4.0218
26	10-1-2029	12-31-2029	4.1959	4.1067
27	1-1-2030	3-31-2030	3.5721	3.5505
28	4-1-2030	6-30-2030	3.5150	3.4931
29	7-1-2030	9-30-2030	3.5537	3.5315
30	10-1-2030	12-31-2030	3.6390	3.6169
31	1-1-2031	3-31-2031	3.4913	3.4697
32	4-1-2031	6-30-2031	3.4451	3.4232
33	7-1-2031	9-30-2031	3.4830	3.4609
34	10-1-2031	12-31-2031	3.5689	3.5468
35	1-1-2032	3-31-2032	3.4650	3.4431
36	4-1-2032	6-30-2032	3.3794	3.3575
37	7-1-2032	9-30-2032	3.4166	3.3944
38	10-1-2032	12-31-2032	3.5031	3.4809
39	1-1-2033	3-31-2033	3.3715	3.3499
40	4-1-2033	6-30-2033	3.3227	3.3008
41	7-1-2033	9-30-2033	3.3592	3.3370
42	10-1-2033	12-31-2033	3.4465	3.4243
43	1-1-2034	3-31-2034	3.3222	3.3005
44	4-1-2034	6-30-2034	3.2717	3.2498
45	7-1-2034	9-30-2034	3.3077	3.2855
46	10-1-2034	12-31-2034	3.3960	3.3739
47	1-1-2035	3-31-2035	3.2485	3.2370
48	4-1-2035	6-30-2035	3.1961	3.1845
49	7-1-2035	9-30-2035	3.2313	3.2195
50	10-1-2035	12-31-2035	3.3207	3.3090
51	1-1-2036	3-31-2036	3.2846	3.2730
52	4-1-2036	6-30-2036	3.1961	3.1845

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53	7-1-2036	9-30-2036	3.2313	3.2195
54	10-1-2036	12-31-2036	3.3207	3.3090
55	1-1-2037	3-31-2037	3.2485	3.2370
56	4-1-2037	6-30-2037	3.1961	3.1845
57	7-1-2037	9-30-2037	3.2313	3.2195
58	10-1-2037	12-31-2037	3.3207	3.3090
59	1-1-2038	3-31-2038	3.2485	3.2370
60	4-1-2038	6-30-2038	3.1961	3.1845
61	7-1-2038	9-30-2038	3.2313	3.2195
62	10-1-2038	12-31-2038	3.3207	3.3090
63	1-1-2039	3-31-2039	3.2485	3.2370
64	4-1-2039	6-30-2039	3.1961	3.1845
65	7-1-2039	9-30-2039	3.2313	3.2195
66	10-1-2039	12-31-2039	3.3207	3.3090
67	1-1-2040	3-31-2040	3.1304	3.1231
68	4-1-2040	6-30-2040	3.0368	3.0294
69	7-1-2040	9-30-2040	3.0701	3.0627
		Highest	5.4503	4.7268

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	66.1913	26.8212	235.4659	0.3240	38.1168	1.1918	39.3086	10.1753	1.1815	11.3568	1,903.9904	48,378.7151	50,282.7055	126.8789	2.4487	54,184.3859

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Energy	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	19,631.2776	19,631.2776	1.1717	0.2611	19,738.3811
Mobile	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.8384	25,749.8384	1.6771	1.5398	26,250.6363
Waste						0.0000	0.0000		0.0000	0.0000	1,648.9139	0.0000	1,648.9139	97.4480	0.0000	4,085.1143
Water						0.0000	0.0000		0.0000	0.0000	255.0766	2,847.6071	3,102.6837	26.4392	0.6477	3,956.6903
Total	66.1913	26.8212	235.4659	0.3240	38.1168	1.1918	39.3086	10.1753	1.1815	11.3568	1,903.9904	48,378.7151	50,282.7055	126.8789	2.4487	54,184.3859

	ROG	NOx	CO	SO2	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	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	

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4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240
5	Grading	Grading	12/13/2025	4/28/2028	5	620
6	Paving	Paving	4/29/2028	1/4/2030	5	440

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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
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
Architectural Coating	Air Compressors	1	6.00	78	0.48
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
Paving	Pavers	2	8.00	130	0.42

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Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	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
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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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 - 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	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954
Total	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0477	0.2806	1.5001	2.5200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951
Total	0.0477	0.2806	1.5001	2.5200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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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					
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0934	0.5432	3.0223	5.0900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627
Total	0.0934	0.5432	3.0223	5.0900e-003		0.0215	0.0215		0.0215	0.0215	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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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					
Off-Road	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940
Total	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7800e-003	0.0160	0.0923	1.6000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940
Total	2.7800e-003	0.0160	0.0923	1.6000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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

3.3 Building Construction - 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	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	1.7164	4.5430	16.3948	0.0590	5.6536	0.0494	5.7031	1.5147	0.0463	1.5610	0.0000	5,497.6553	5,497.6553	0.1453	0.3408	5,602.8305

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

3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0863	0.7355	1.0994	1.7500e-003		0.0370	0.0370		0.0350	0.0350	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.0863	0.7355	1.0994	1.7500e-003		0.0370	0.0370		0.0350	0.0350	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1020	3.3382	1.3514	0.0162	0.5706	0.0239	0.5945	0.1647	0.0229	0.1876	0.0000	1,576.9127	1,576.9127	0.0410	0.2330	1,647.3845
Worker	1.6144	1.2048	15.0434	0.0428	5.0830	0.0255	5.1085	1.3500	0.0235	1.3735	0.0000	3,920.7426	3,920.7426	0.1042	0.1077	3,955.4459
Total	1.7164	4.5430	16.3948	0.0590	5.6536	0.0494	5.7031	1.5147	0.0463	1.5610	0.0000	5,497.6553	5,497.6553	0.1453	0.3408	5,602.8305

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

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	3.2256	8.9410	30.8922	0.1159	11.3942	0.0967	11.4910	3.0527	0.0908	3.1434	0.0000	10,806.8529	10,806.8529	0.2705	0.6642	11,011.5566

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

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1629	1.3947	2.2124	3.5300e-003		0.0647	0.0647		0.0613	0.0613	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1629	1.3947	2.2124	3.5300e-003		0.0647	0.0647		0.0613	0.0613	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2009	6.7880	2.6787	0.0322	1.1500	0.0474	1.1975	0.3319	0.0454	0.3773	0.0000	3,134.3303	3,134.3303	0.0802	0.4631	3,274.3418
Worker	3.0247	2.1530	28.2135	0.0837	10.2442	0.0493	10.2935	2.7207	0.0454	2.7661	0.0000	7,672.5225	7,672.5225	0.1903	0.2011	7,737.2148
Total	3.2256	8.9410	30.8922	0.1159	11.3942	0.0967	11.4910	3.0527	0.0908	3.1434	0.0000	10,806.8529	10,806.8529	0.2705	0.6642	11,011.5566

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

3.3 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	3.0016	8.6334	28.6930	0.1120	11.3507	0.0938	11.4445	3.0410	0.0880	3.1291	0.0000	10,444.2565	10,444.2565	0.2485	0.6385	10,640.7471

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

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1962	6.7212	2.6269	0.0315	1.1456	0.0472	1.1928	0.3307	0.0451	0.3758	0.0000	3,061.6941	3,061.6941	0.0776	0.4521	3,198.3615
Worker	2.8054	1.9123	26.0661	0.0805	10.2051	0.0466	10.2517	2.7104	0.0429	2.7533	0.0000	7,382.5623	7,382.5623	0.1709	0.1864	7,442.3857
Total	3.0016	8.6334	28.6930	0.1120	11.3507	0.0938	11.4445	3.0410	0.0880	3.1291	0.0000	10,444.2565	10,444.2565	0.2485	0.6385	10,640.7471

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

3.3 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	2.8180	8.3933	26.9574	0.1088	11.3507	0.0911	11.4418	3.0410	0.0855	3.1265	0.0000	10,151.2457	10,151.2457	0.2301	0.6178	10,341.0982

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

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1928	6.6709	2.5922	0.0309	1.1456	0.0469	1.1925	0.3307	0.0448	0.3755	0.0000	3,000.8739	3,000.8739	0.0752	0.4428	3,134.7205
Worker	2.6252	1.7224	24.3652	0.0780	10.2051	0.0442	10.2493	2.7104	0.0407	2.7510	0.0000	7,150.3718	7,150.3718	0.1549	0.1749	7,206.3778
Total	2.8180	8.3933	26.9574	0.1088	11.3507	0.0911	11.4418	3.0410	0.0855	3.1265	0.0000	10,151.2457	10,151.2457	0.2301	0.6178	10,341.0982

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

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	2.6498	8.1823	25.4711	0.1059	11.3507	0.0881	11.4388	3.0410	0.0827	3.1237	0.0000	9,878.8692	9,878.8692	0.2138	0.5986	10,062.5969

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.6201	2.5624	0.0302	1.1456	0.0466	1.1922	0.3307	0.0445	0.3752	0.0000	2,937.4352	2,937.4352	0.0727	0.4333	3,068.3704
Worker	2.4600	1.5621	22.9087	0.0757	10.2051	0.0415	10.2466	2.7104	0.0382	2.7485	0.0000	6,941.4341	6,941.4341	0.1411	0.1653	6,994.2265
Total	2.6498	8.1823	25.4711	0.1059	11.3507	0.0881	11.4388	3.0410	0.0827	3.1237	0.0000	9,878.8692	9,878.8692	0.2138	0.5986	10,062.5969

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	2.4853	7.9782	24.1373	0.1029	11.3072	0.0847	11.3919	3.0294	0.0796	3.1090	0.0000	9,595.6220	9,595.6220	0.1991	0.5791	9,773.1741

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1502	1.2957	2.1892	3.5000e-003		0.0543	0.0543		0.0515	0.0515	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1502	1.2957	2.1892	3.5000e-003		0.0543	0.0543		0.0515	0.0515	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1867	6.5560	2.5291	0.0295	1.1412	0.0461	1.1873	0.3294	0.0441	0.3735	0.0000	2,865.8208	2,865.8208	0.0704	0.4224	2,993.4611
Worker	2.2987	1.4222	21.6083	0.0734	10.1660	0.0386	10.2046	2.7000	0.0355	2.7355	0.0000	6,729.8012	6,729.8012	0.1287	0.1567	6,779.7130
Total	2.4853	7.9782	24.1373	0.1029	11.3072	0.0847	11.3919	3.0294	0.0796	3.1090	0.0000	9,595.6220	9,595.6220	0.1991	0.5791	9,773.1741

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	2.3465	7.8579	23.1468	0.1009	11.3507	0.0822	11.4329	3.0410	0.0773	3.1183	0.0000	9,410.5795	9,410.5795	0.1874	0.5659	9,583.8901

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1508	1.3006	2.1976	3.5200e-003		0.0546	0.0546		0.0517	0.0517	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1853	6.5461	2.5181	0.0290	1.1456	0.0460	1.1916	0.3306	0.0440	0.3747	0.0000	2,820.0968	2,820.0968	0.0687	0.4154	2,945.5964
Worker	2.1612	1.3119	20.6286	0.0719	10.2051	0.0361	10.2412	2.7104	0.0332	2.7436	0.0000	6,590.4827	6,590.4827	0.1188	0.1505	6,638.2937
Total	2.3465	7.8579	23.1468	0.1009	11.3507	0.0822	11.4329	3.0410	0.0773	3.1183	0.0000	9,410.5795	9,410.5795	0.1874	0.5659	9,583.8901

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	2.2084	7.7272	22.2257	0.0988	11.3507	0.0795	11.4302	3.0410	0.0748	3.1158	0.0000	9,211.3019	9,211.3019	0.1764	0.5520	9,380.2156

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1836	6.5145	2.5021	0.0285	1.1456	0.0458	1.1914	0.3306	0.0438	0.3745	0.0000	2,767.2542	2,767.2542	0.0668	0.4073	2,890.3019
Worker	2.0247	1.2128	19.7236	0.0703	10.2051	0.0337	10.2388	2.7104	0.0310	2.7414	0.0000	6,444.0477	6,444.0477	0.1096	0.1447	6,489.9138
Total	2.2084	7.7272	22.2257	0.0988	11.3507	0.0795	11.4302	3.0410	0.0748	3.1158	0.0000	9,211.3019	9,211.3019	0.1764	0.5520	9,380.2156

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	2.0745	7.6346	21.5317	0.0969	11.3507	0.0765	11.4272	3.0410	0.0720	3.1130	0.0000	9,040.1674	9,040.1674	0.1668	0.5398	9,205.1962

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1487	0.9696	2.2506	4.0400e-003		0.0172	0.0172		0.0172	0.0172	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1824	6.5091	2.4950	0.0280	1.1456	0.0448	1.1904	0.3306	0.0428	0.3735	0.0000	2,719.5974	2,719.5974	0.0651	0.4000	2,840.4122
Worker	1.8921	1.1256	19.0368	0.0689	10.2051	0.0317	10.2368	2.7104	0.0292	2.7395	0.0000	6,320.5700	6,320.5700	0.1017	0.1398	6,364.7840
Total	2.0745	7.6346	21.5317	0.0969	11.3507	0.0765	11.4272	3.0410	0.0720	3.1130	0.0000	9,040.1674	9,040.1674	0.1668	0.5398	9,205.1962

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	1.9621	7.5671	20.9174	0.0956	11.3942	0.0746	11.4687	3.0526	0.0703	3.1229	0.0000	8,917.8472	8,917.8472	0.1587	0.5313	9,080.1332

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1493	0.9733	2.2592	4.0600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1493	0.9733	2.2592	4.0600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1823	6.5106	2.4994	0.0277	1.1500	0.0448	1.1948	0.3319	0.0429	0.3748	0.0000	2,687.9914	2,687.9914	0.0638	0.3950	2,807.3041
Worker	1.7798	1.0566	18.4181	0.0679	10.2442	0.0298	10.2740	2.7207	0.0274	2.7482	0.0000	6,229.8558	6,229.8558	0.0949	0.1363	6,272.8291
Total	1.9621	7.5671	20.9174	0.0956	11.3942	0.0746	11.4687	3.0526	0.0703	3.1229	0.0000	8,917.8472	8,917.8472	0.1587	0.5313	9,080.1332

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	1.8413	7.4304	20.1664	0.0934	11.3072	0.0721	11.3792	3.0293	0.0679	3.0973	0.0000	8,712.8823	8,712.8823	0.1499	0.5182	8,871.0655

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.4420	2.4786	0.0271	1.1412	0.0443	1.1855	0.3294	0.0424	0.3718	0.0000	2,630.9232	2,630.9232	0.0620	0.3864	2,747.6227
Worker	1.6608	0.9884	17.6878	0.0663	10.1660	0.0277	10.1937	2.7000	0.0255	2.7255	0.0000	6,081.9591	6,081.9591	0.0879	0.1318	6,123.4428
Total	1.8413	7.4304	20.1664	0.0934	11.3072	0.0721	11.3792	3.0293	0.0679	3.0973	0.0000	8,712.8823	8,712.8823	0.1499	0.5182	8,871.0655

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	1.7466	7.3600	19.6376	0.0921	11.3072	0.0702	11.3774	3.0293	0.0662	3.0955	0.0000	8,591.7299	8,591.7299	0.1431	0.5104	8,747.4004

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1482	0.9659	2.2419	4.0200e-003		0.0171	0.0171		0.0171	0.0171	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1801	6.4216	2.4780	0.0268	1.1412	0.0441	1.1853	0.3294	0.0422	0.3716	0.0000	2,598.0143	2,598.0143	0.0608	0.3814	2,713.1782
Worker	1.5665	0.9384	17.1596	0.0654	10.1660	0.0261	10.1920	2.7000	0.0240	2.7239	0.0000	5,993.7156	5,993.7156	0.0823	0.1290	6,034.2222
Total	1.7466	7.3600	19.6376	0.0921	11.3072	0.0702	11.3774	3.0293	0.0662	3.0955	0.0000	8,591.7299	8,591.7299	0.1431	0.5104	8,747.4004

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	1.6761	7.3579	19.3383	0.0917	11.3941	0.0690	11.4632	3.0526	0.0651	3.1178	0.0000	8,550.9493	8,550.9493	0.1382	0.5076	8,705.6625

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1400	0.9106	2.2546	4.0600e-003		0.0108	0.0108		0.0108	0.0108	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1400	0.9106	2.2546	4.0600e-003		0.0108	0.0108		0.0108	0.0108	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1812	6.4511	2.4967	0.0267	1.1500	0.0443	1.1943	0.3319	0.0424	0.3743	0.0000	2,588.5840	2,588.5840	0.0602	0.3798	2,703.2611
Worker	1.4949	0.9067	16.8416	0.0650	10.2442	0.0247	10.2689	2.7207	0.0228	2.7435	0.0000	5,962.3653	5,962.3653	0.0781	0.1278	6,002.4014
Total	1.6761	7.3579	19.3383	0.0917	11.3941	0.0690	11.4632	3.0526	0.0651	3.1178	0.0000	8,550.9493	8,550.9493	0.1382	0.5076	8,705.6625

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1395	0.9072	2.2460	4.0400e-003		0.0107	0.0107		0.0107	0.0107	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1805	6.4265	2.4872	0.0266	1.1456	0.0441	1.1897	0.3306	0.0422	0.3728	0.0000	2,578.7039	2,578.7039	0.0599	0.3783	2,692.9433
Worker	1.4892	0.9033	16.7773	0.0648	10.2051	0.0246	10.2297	2.7104	0.0227	2.7330	0.0000	5,939.6082	5,939.6082	0.0778	0.1273	5,979.4915
Total	1.6697	7.3298	19.2645	0.0913	11.3507	0.0688	11.4194	3.0410	0.0649	3.1059	0.0000	8,518.3121	8,518.3121	0.1377	0.5056	8,672.4348

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	1.6633	7.3017	19.1907	0.0910	11.3072	0.0685	11.3757	3.0293	0.0646	3.0940	0.0000	8,485.6749	8,485.6749	0.1372	0.5037	8,639.2071

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1390	0.9037	2.2374	4.0200e-003		0.0107	0.0107		0.0107	0.0107	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1390	0.9037	2.2374	4.0200e-003		0.0107	0.0107		0.0107	0.0107	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1798	6.4019	2.4777	0.0265	1.1412	0.0440	1.1851	0.3294	0.0421	0.3714	0.0000	2,568.8238	2,568.8238	0.0597	0.3769	2,682.6256
Worker	1.4835	0.8998	16.7130	0.0645	10.1660	0.0246	10.1905	2.7000	0.0226	2.7226	0.0000	5,916.8511	5,916.8511	0.0775	0.1268	5,956.5816
Total	1.6633	7.3017	19.1907	0.0910	11.3072	0.0685	11.3757	3.0293	0.0646	3.0940	0.0000	8,485.6749	8,485.6749	0.1372	0.5037	8,639.2071

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	1.3632	7.1652	17.7809	0.0876	11.3506	0.0632	11.4138	3.0410	0.0598	3.1007	0.0000	8,167.2090	8,167.2090	0.1167	0.4842	8,314.4171

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.3 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1380	0.8879	2.2459	4.0400e-003		8.9500e-003	8.9500e-003		8.9500e-003	8.9500e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.1380	0.8879	2.2459	4.0400e-003		8.9500e-003	8.9500e-003		8.9500e-003	8.9500e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1804	6.3809	2.4903	0.0256	1.1456	0.0438	1.1893	0.3306	0.0419	0.3725	0.0000	2,479.4567	2,479.4567	0.0555	0.3633	2,589.1129
Worker	1.1828	0.7843	15.2906	0.0620	10.2051	0.0194	10.2245	2.7104	0.0179	2.7283	0.0000	5,687.7523	5,687.7523	0.0612	0.1209	5,725.3042
Total	1.3632	7.1652	17.7809	0.0876	11.3506	0.0632	11.4138	3.0410	0.0598	3.1007	0.0000	8,167.2090	8,167.2090	0.1167	0.4842	8,314.4171

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 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	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210
Total	1.1864	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1740					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210
Total	1.1864	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673
Total	0.3228	0.2409	3.0078	8.5500e-003	1.0163	5.1000e-003	1.0214	0.2699	4.7000e-003	0.2746	0.0000	783.9286	783.9286	0.0208	0.0215	790.8673

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

3.4 Architectural Coating - 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	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3896	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090

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

3.4 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3896	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090
Total	0.6048	0.4305	5.6411	0.0167	2.0483	9.8600e-003	2.0581	0.5440	9.0800e-003	0.5531	0.0000	1,534.0742	1,534.0742	0.0381	0.0402	1,547.0090

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

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597
Total	0.5609	0.3824	5.2118	0.0161	2.0405	9.3300e-003	2.0498	0.5419	8.5800e-003	0.5505	0.0000	1,476.0984	1,476.0984	0.0342	0.0373	1,488.0597

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714
Total	0.5249	0.3444	4.8717	0.0156	2.0405	8.8300e-003	2.0493	0.5419	8.1300e-003	0.5501	0.0000	1,429.6733	1,429.6733	0.0310	0.0350	1,440.8714

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530

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

3.4 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530
Total	0.4919	0.3123	4.5805	0.0151	2.0405	8.3000e-003	2.0487	0.5419	7.6300e-003	0.5496	0.0000	1,387.8975	1,387.8975	0.0282	0.0331	1,398.4530

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
Total	2.3701	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624

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

3.4 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
Total	2.3701	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624
Total	0.4596	0.2844	4.3204	0.0147	2.0326	7.7100e-003	2.0403	0.5398	7.1000e-003	0.5469	0.0000	1,345.5828	1,345.5828	0.0257	0.0313	1,355.5624

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864

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

3.4 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	2.3792	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864
Total	0.4321	0.2623	4.1246	0.0144	2.0405	7.2200e-003	2.0477	0.5419	6.6400e-003	0.5486	0.0000	1,317.7269	1,317.7269	0.0237	0.0301	1,327.2864

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188
Total	0.4048	0.2425	3.9436	0.0141	2.0405	6.7400e-003	2.0472	0.5419	6.2000e-003	0.5481	0.0000	1,288.4481	1,288.4481	0.0219	0.0289	1,297.6188

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	2.3740	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998
Total	0.3783	0.2251	3.8063	0.0138	2.0405	6.3400e-003	2.0468	0.5419	5.8300e-003	0.5478	0.0000	1,263.7595	1,263.7595	0.0203	0.0280	1,272.5998

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
Total	2.3831	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140

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

3.4 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
Total	2.3831	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140
Total	0.3559	0.2113	3.6826	0.0136	2.0483	5.9600e-003	2.0542	0.5440	5.4800e-003	0.5495	0.0000	1,245.6218	1,245.6218	0.0190	0.0272	1,254.2140

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451

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

3.4 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451
Total	0.3321	0.1976	3.5366	0.0133	2.0326	5.5500e-003	2.0382	0.5398	5.1000e-003	0.5450	0.0000	1,216.0507	1,216.0507	0.0176	0.0264	1,224.3451

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060

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

3.4 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	2.3649	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060
Total	0.3132	0.1876	3.4310	0.0131	2.0326	5.2100e-003	2.0378	0.5398	4.7900e-003	0.5446	0.0000	1,198.4070	1,198.4070	0.0165	0.0258	1,206.5060

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

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	2.3814	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3660					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	2.3814	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436
Total	0.2989	0.1813	3.3674	0.0130	2.0483	4.9500e-003	2.0532	0.5440	4.5500e-003	0.5486	0.0000	1,192.1387	1,192.1387	0.0156	0.0256	1,200.1436

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	2.3723	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629
Total	0.2978	0.1806	3.3545	0.0130	2.0405	4.9300e-003	2.0454	0.5419	4.5300e-003	0.5465	0.0000	1,187.5885	1,187.5885	0.0156	0.0255	1,195.5629

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 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					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230
Total	2.3632	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3479					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229
Total	2.3632	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822
Total	0.2966	0.1799	3.3417	0.0129	2.0326	4.9100e-003	2.0375	0.5398	4.5200e-003	0.5444	0.0000	1,183.0384	1,183.0384	0.0155	0.0254	1,190.9822

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	2.3719	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397

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

3.4 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3569					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	2.3719	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397
Total	0.2365	0.1568	3.0573	0.0124	2.0405	3.8900e-003	2.0443	0.5419	3.5800e-003	0.5455	0.0000	1,137.2315	1,137.2315	0.0122	0.0242	1,144.7397

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3588	0.0000	2.3588	1.2123	0.0000	1.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2967	3.0281	2.1494	4.5700e-003		0.1304	0.1304		0.1200	0.1200	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510
Total	0.2967	3.0281	2.1494	4.5700e-003	2.3588	0.1304	2.4893	1.2123	0.1200	1.3323	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8740	0.0000	0.8740	0.4492	0.0000	0.4492	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1011	0.8039	2.4503	4.5700e-003		0.0310	0.0310		0.0289	0.0289	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505
Total	0.1011	0.8039	2.4503	4.5700e-003	0.8740	0.0310	0.9049	0.4492	0.0289	0.4781	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0254	0.0000	1.0254	0.1280	0.0000	0.1280	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0189	0.1816	0.1712	4.0000e-004		7.3500e-003	7.3500e-003		6.7600e-003	6.7600e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	0.0189	0.1816	0.1712	4.0000e-004	1.0254	7.3500e-003	1.0328	0.1280	6.7600e-003	0.1348	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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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 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3799	0.0000	0.3799	0.0474	0.0000	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1700e-003	0.0367	0.2130	4.0000e-004		1.3000e-003	1.3000e-003		1.2400e-003	1.2400e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	6.1700e-003	0.0367	0.2130	4.0000e-004	0.3799	1.3000e-003	0.3812	0.0474	1.2400e-003	0.0487	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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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 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1240	0.7362	4.2771	8.1000e-003		0.0261	0.0261		0.0249	0.0249	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.1240	0.7362	4.2771	8.1000e-003	0.6566	0.0261	0.6826	0.1995	0.0249	0.2244	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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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 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1240	0.7362	4.2771	8.1000e-003		0.0261	0.0261		0.0249	0.0249	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.1240	0.7362	4.2771	8.1000e-003	0.6566	0.0261	0.6826	0.1995	0.0249	0.2244	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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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 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2422	0.0000	1.2422	0.2472	0.0000	0.2472	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1233	1.1876	1.1191	2.6400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244
Total	0.1233	1.1876	1.1191	2.6400e-003	1.2422	0.0481	1.2903	0.2472	0.0442	0.2914	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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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 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4602	0.0000	0.4602	0.0916	0.0000	0.0916	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0404	0.2398	1.3929	2.6400e-003		8.4800e-003	8.4800e-003		8.1200e-003	8.1200e-003	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241
Total	0.0404	0.2398	1.3929	2.6400e-003	0.4602	8.4800e-003	0.4687	0.0916	8.1200e-003	0.0997	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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

3.7 Paving - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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

3.7 Paving - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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

3.7 Paving - 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	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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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	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.83 84	25,749.83 84	1.6771	1.5398	26,250.63 63
Unmitigated	15.6295	19.3253	141.1865	0.2782	38.1168	0.1634	38.2802	10.1753	0.1531	10.3285	0.0000	25,749.83 84	25,749.83 84	1.6771	1.5398	26,250.63 63

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,193.0845	12,193.0845	1.0291	0.1247	12,255.9866
NaturalGas Mitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945
NaturalGas Unmitigated	0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.5816e+007	0.1392	1.1896	0.5062	7.5900e-003		0.0962	0.0962		0.0962	0.0962	0.0000	1,377.6398	1,377.6398	0.0264	0.0253	1,385.8264
Apartments Mid Rise	4.02988e+007	0.2173	1.8569	0.7902	0.0119		0.1501	0.1501		0.1501	0.1501	0.0000	2,150.4996	2,150.4996	0.0412	0.0394	2,163.2789
Apartments Mid Rise	4.75331e+007	0.2563	2.1903	0.9320	0.0140		0.1771	0.1771		0.1771	0.1771	0.0000	2,536.5457	2,536.5457	0.0486	0.0465	2,551.6192
Apartments Mid Rise	8.94571e+006	0.0482	0.4122	0.1754	2.6300e-003		0.0333	0.0333		0.0333	0.0333	0.0000	477.3771	477.3771	9.1500e-003	8.7500e-003	480.2140
Government (Civic Center)	694582	3.7500e-003	0.0341	0.0286	2.0000e-004		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	37.0655	37.0655	7.1000e-004	6.8000e-004	37.2858
Regional Shopping Center	553082	2.9800e-003	0.0271	0.0228	1.6000e-004		2.0600e-003	2.0600e-003		2.0600e-003	2.0600e-003	0.0000	29.5146	29.5146	5.7000e-004	5.4000e-004	29.6900
Single Family Housing	1.06359e+007	0.0574	0.4901	0.2086	3.1300e-003		0.0396	0.0396		0.0396	0.0396	0.0000	567.5716	567.5716	0.0109	0.0104	570.9444
Strip Mall	2.09026e+006	0.0113	0.1025	0.0861	6.1000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	111.5441	111.5441	2.1400e-003	2.0400e-003	112.2070
Strip Mall	2.81904e+006	0.0152	0.1382	0.1161	8.3000e-004		0.0105	0.0105		0.0105	0.0105	0.0000	150.4350	150.4350	2.8800e-003	2.7600e-003	151.3289
Total		0.7516	6.4408	2.8659	0.0410		0.5193	0.5193		0.5193	0.5193	0.0000	7,438.1930	7,438.1930	0.1426	0.1364	7,482.3945

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		12,193.0846	1.0291	0.1248	12,255.9866

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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

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.10959e+007	1,967.8170	0.1661	0.0201	1,977.9686
Apartments Mid Rise	1.30878e+007	2,321.0689	0.1959	0.0238	2,333.0429
Apartments Mid Rise	2.46313e+006	436.8245	0.0369	4.4700e-003	439.0780
Apartments Mid Rise	7.10822e+006	1,260.6108	0.1064	0.0129	1,267.1141
Government (Civic Center)	1.86099e+006	330.0389	0.0279	3.3800e-003	331.7415
Regional Shopping Center	3.05201e+006	541.2601	0.0457	5.5400e-003	544.0523
Single Family Housing	2.99471e+006	531.0989	0.0448	5.4300e-003	533.8387
Strip Mall	1.15344e+007	2,045.5781	0.1727	0.0209	2,056.1309
Strip Mall	1.5556e+007	2,758.7876	0.2329	0.0282	2,773.0197
Total		12,193.0846	1.0291	0.1248	12,255.9866

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Unmitigated	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

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	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.1233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.9508					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7362	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639
Total	49.8103	1.0551	91.4135	4.8500e-003		0.5091	0.5091		0.5091	0.5091	0.0000	149.9920	149.9920	0.1429	0.0000	153.5639

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	3,102.683 7	26.4392	0.6477	3,956.690 3
Unmitigated	3,102.683 7	26.4392	0.6477	3,956.690 3

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.527 6	18.2633	0.4475	2,738.460 4
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		3,102.683 7	26.4392	0.6477	3,956.690 2

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	555.373 / 350.126	2,148.5276	18.2633	0.4475	2,738.4604
Government (Civic Center)	40.2286 / 24.6562	154.2396	1.3228	0.0324	196.9644
Regional Shopping Center	18.6218 / 11.4134	71.3976	0.6123	0.0150	91.1749
Single Family Housing	24.4979 / 15.4443	94.7732	0.8056	0.0197	120.7955
Strip Mall	165.293 / 101.309	633.7458	5.4351	0.1331	809.2950
Total		3,102.6837	26.4392	0.6477	3,956.6902

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,648.913 9	97.4480	0.0000	4,085.114 3
Unmitigated	1,648.913 9	97.4480	0.0000	4,085.114 3

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.897 0
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mall	2343.08	475.6241	28.1086	0.0000	1,178.338 5
Total		1,648.913 9	97.4480	0.0000	4,085.114 3

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	3921.04	795.9357	47.0385	0.0000	1,971.8970
Government (Civic Center)	1154.25	234.3023	13.8469	0.0000	580.4741
Regional Shopping Center	263.97	53.5835	3.1667	0.0000	132.7509
Single Family Housing	440.75	89.4683	5.2874	0.0000	221.6538
Strip Mall	2343.08	475.6241	28.1086	0.0000	1,178.3385
Total		1,648.9139	97.4480	0.0000	4,085.1143

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	57.2247	106.2109	380.6129	1.1737	104.7442	2.6070	107.3511	27.9815	2.4427	30.4242	0.0000	119,801.1883	119,801.1883	4.4644	6.0047	121,702.1961
2024	54.6579	102.7366	357.5801	1.1453	104.7441	2.4483	107.1924	27.9815	2.2922	30.2737	0.0000	116,909.8529	116,909.8529	4.2382	5.7995	118,744.0590
2025	53.0189	106.5339	341.8843	1.1357	124.4345	2.5006	126.8909	38.0928	2.3289	40.3810	0.0000	115,826.6707	115,826.6707	4.9195	5.5907	117,615.6921
2026	51.1068	104.5898	323.2571	1.1056	114.0033	2.4757	116.4790	31.6500	2.3059	33.9559	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	49.3591	102.8888	307.3399	1.0779	114.0032	2.4485	116.4518	31.6499	2.2808	33.9307	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	47.7544	101.4880	294.0642	1.0529	114.0032	2.4210	116.4242	31.6499	2.2554	33.9053	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.2151	80.9025	270.6265	0.9908	104.7436	1.6826	106.4262	27.9813	1.5759	29.5572	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	43.1503	73.5638	262.1415	0.9800	104.7436	1.1601	105.9037	27.9813	1.1201	29.1014	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.3410	65.6635	238.6176	0.9336	104.5759	0.8027	105.3785	27.9368	0.7645	28.7013	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	39.0942	64.8880	231.2342	0.9180	104.5758	0.7828	105.3586	27.9368	0.7462	28.6830	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.9865	64.2496	224.9190	0.9042	104.5757	0.7649	105.3406	27.9368	0.7297	28.6664	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.9853	63.6832	219.2665	0.8921	104.5757	0.7480	105.3237	27.9368	0.7141	28.6508	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.7175	60.7210	198.7021	0.8466	104.5756	0.5948	105.1703	27.9367	0.5660	28.5027	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	57.2247	106.5339	380.6129	1.1737	124.4345	2.6070	126.8909	38.0928	2.4427	40.3810	0.0000	119,801.1883	119,801.1883	4.9195	6.0047	121,702.1961

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	55.4436	85.9730	384.7174	1.1737	104.7442	1.6599	106.4040	27.9815	1.5763	29.5578	0.0000	119,801.1883	119,801.1883	4.4644	6.0047	121,702.1961
2024	52.8985	83.2073	361.6656	1.1453	104.7441	1.5327	106.2767	27.9815	1.4548	29.4362	0.0000	116,909.8529	116,909.8529	4.2382	5.7995	118,744.0590
2025	50.8558	82.7837	349.0826	1.1357	112.0604	1.5182	113.5786	31.7333	1.4292	33.1624	0.0000	115,826.6707	115,826.6707	4.9195	5.5907	117,615.6921
2026	48.9437	79.7848	330.4553	1.1056	108.2097	1.4349	109.6445	29.3499	1.3563	30.7062	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	47.1960	78.0839	314.5382	1.0779	108.2096	1.4077	109.6173	29.3499	1.3312	30.6811	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	45.5913	79.6166	301.2624	1.0529	108.2095	1.5989	109.5897	29.3499	1.4997	30.6556	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.0034	78.3993	271.3815	0.9908	104.7436	1.5730	106.3166	27.9813	1.4758	29.4571	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	42.9808	73.0593	263.2302	0.9800	104.7436	1.1436	105.8872	27.9813	1.1036	29.0849	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.1714	65.1590	239.7062	0.9336	104.5759	0.7861	105.3620	27.9368	0.7480	28.6848	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	38.9247	64.3835	232.3228	0.9180	104.5758	0.7663	105.3421	27.9368	0.7297	28.6665	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.8169	63.7451	226.0076	0.9042	104.5757	0.7483	105.3241	27.9368	0.7131	28.6499	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.8158	63.1787	220.3551	0.8921	104.5757	0.7314	105.3071	27.9368	0.6975	28.6343	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.8497	62.1354	215.5464	0.8815	104.5757	0.6563	105.2320	27.9367	0.6236	28.5603	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.5780	60.6341	199.7938	0.8466	104.5756	0.5896	105.1652	27.9367	0.5608	28.4975	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	55.4436	85.9730	384.7174	1.1737	112.0604	1.6599	113.5786	31.7333	1.5763	33.1624	0.0000	119,801.1883	119,801.1883	4.9195	6.0047	121,702.1961

Fontana Downtown Core Project - San Bernardino-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	1.84	10.01	-1.05	0.00	1.54	24.18	1.84	2.53	23.57	3.45	0.00	0.00	0.00	0.00	0.00	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	432.8494	182.2196	1,852.6495	2.5345	298.8465	8.1754	307.0219	79.6563	8.0964	87.7526	0.0000	277,804.0429	277,804.0429	15.5716	13.4075	282,188.7715

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	432.8494	182.2196	1,852.6495	2.5345	298.8465	8.1754	307.0219	79.6563	8.0964	87.7526	0.0000	277,804.0429	277,804.0429	15.5716	13.4075	282,188.7715

Fontana Downtown Core Project - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

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
Architectural Coating	Air Compressors	1	6.00	78	0.48
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
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

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	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	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
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Water Exposed Area

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - San Bernardino-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 - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - San Bernardino-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 - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

3.3 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

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.01 07	26,715.01 07	0.6982	3.9451	27,908.09 86
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.68 33	71,962.68 33	1.7405	1.7134	72,516.79 52
Total	29.4994	65.6410	288.7190	0.9611	88.6372	0.7596	89.3967	23.7099	0.7124	24.4223		98,677.69 40	98,677.69 40	2.4387	5.6585	100,424.8 938

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.01 07	26,715.01 07	0.6982	3.9451	27,908.09 86
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.68 33	71,962.68 33	1.7405	1.7134	72,516.79 52
Total	29.4994	65.6410	288.7190	0.9611	88.6372	0.7596	89.3967	23.7099	0.7124	24.4223		98,677.69 40	98,677.69 40	2.4387	5.6585	100,424.8 938

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.99 28	26,346.99 28	0.6770	3.8902	27,523.20 41
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.72 80	69,862.72 80	1.5745	1.5884	70,375.41 85
Total	27.4721	64.1810	269.5123	0.9369	88.6371	0.7378	89.3749	23.7098	0.6922	24.4020		96,209.72 08	96,209.72 08	2.2515	5.4786	97,898.62 25

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.99 28	26,346.99 28	0.6770	3.8902	27,523.20 41
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.72 80	69,862.72 80	1.5745	1.5884	70,375.41 85
Total	27.4721	64.1810	269.5123	0.9369	88.6371	0.7378	89.3749	23.7098	0.6922	24.4020		96,209.72 08	96,209.72 08	2.2515	5.4786	97,898.62 25

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.76 92	25,834.76 92	0.6576	3.8125	26,987.32 18
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.90 56	67,466.90 56	1.4155	1.4785	67,942.88 33
Total	25.6373	62.2769	250.8257	0.9084	88.6370	0.7182	89.3551	23.7098	0.6740	24.3838		93,301.67 48	93,301.67 48	2.0730	5.2910	94,930.20 50

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.76 92	25,834.76 92	0.6576	3.8125	26,987.32 18
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.90 56	67,466.90 56	1.4155	1.4785	67,942.88 33
Total	25.6373	62.2769	250.8257	0.9084	88.6370	0.7182	89.3551	23.7098	0.6740	24.3838		93,301.67 48	93,301.67 48	2.0730	5.2910	94,930.20 50

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.3663	25,321.3663	0.6375	3.7344	26,450.1573
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.0517	65,335.0517	1.2800	1.3881	65,780.7027
Total	24.0429	60.5995	235.2940	0.8826	88.6369	0.6971	89.3340	23.7098	0.6546	24.3643		90,656.4179	90,656.4179	1.9175	5.1225	92,230.8600

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.36 63	25,321.36 63	0.6375	3.7344	26,450.15 73
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.05 17	65,335.05 17	1.2800	1.3881	65,780.70 27
Total	24.0429	60.5995	235.2940	0.8826	88.6369	0.6971	89.3340	23.7098	0.6546	24.3643		90,656.41 79	90,656.41 79	1.9175	5.1225	92,230.86 00

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.85 17	24,785.85 17	0.6163	3.6539	25,890.10 76
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.76 90	63,418.76 90	1.1631	1.3122	63,838.89 19
Total	22.5859	59.1236	222.0220	0.8587	88.6368	0.6741	89.3109	23.7097	0.6333	24.3430		88,204.62 08	88,204.62 08	1.7794	4.9661	89,728.99 95

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.85 17	24,785.85 17	0.6163	3.6539	25,890.10 76
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.76 90	63,418.76 90	1.1631	1.3122	63,838.89 19
Total	22.5859	59.1236	222.0220	0.8587	88.6368	0.6741	89.3109	23.7097	0.6333	24.3430		88,204.62 08	88,204.62 08	1.7794	4.9661	89,728.99 95

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.42 25	24,274.42 25	0.5993	3.5760	25,355.04 21
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.73 30	61,716.73 30	1.0632	1.2490	62,115.50 32
Total	21.2485	57.9116	210.9541	0.8371	88.6367	0.6509	89.2876	23.7097	0.6118	24.3215		85,991.15 55	85,991.15 55	1.6625	4.8249	87,470.54 53

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.42 25	24,274.42 25	0.5993	3.5760	25,355.04 21
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.73 30	61,716.73 30	1.0632	1.2490	62,115.50 32
Total	21.2485	57.9116	210.9541	0.8371	88.6367	0.6509	89.2876	23.7097	0.6118	24.3215		85,991.15 55	85,991.15 55	1.6625	4.8249	87,470.54 53

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.47 86	23,795.47 86	0.5822	3.5029	24,853.91 06
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.52 86	60,204.52 86	0.9753	1.1952	60,585.09 48
Total	19.9650	56.8562	201.3191	0.8177	88.6366	0.6291	89.2657	23.7097	0.5917	24.3013		84,000.00 73	84,000.00 73	1.5575	4.6982	85,439.00 54

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.47 86	23,795.47 86	0.5822	3.5029	24,853.91 06
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.52 86	60,204.52 86	0.9753	1.1952	60,585.09 48
Total	19.9650	56.8562	201.3191	0.8177	88.6366	0.6291	89.2657	23.7097	0.5917	24.3013		84,000.00 73	84,000.00 73	1.5575	4.6982	85,439.00 54

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.48 97	23,349.48 97	0.5662	3.4349	24,387.24 59
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.29 76	58,865.29 76	0.8985	1.1499	59,230.42 58
Total	18.7684	55.9418	193.1315	0.8003	88.6366	0.6089	89.2455	23.7097	0.5730	24.2827		82,214.78 73	82,214.78 73	1.4647	4.5848	83,617.67 16

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.48 97	23,349.48 97	0.5662	3.4349	24,387.24 59
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.29 76	58,865.29 76	0.8985	1.1499	59,230.42 58
Total	18.7684	55.9418	193.1315	0.8003	88.6366	0.6089	89.2455	23.7097	0.5730	24.2827		82,214.78 73	82,214.78 73	1.4647	4.5848	83,617.67 16

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.25 11	22,947.25 11	0.5521	3.3729	23,966.17 41
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.80 99	57,737.80 99	0.8328	1.1115	58,089.85 52
Total	17.6097	55.3000	187.0324	0.7855	88.6365	0.5857	89.2222	23.7096	0.5514	24.2610		80,685.06 10	80,685.06 10	1.3849	4.4844	82,056.02 92

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.25 11	22,947.25 11	0.5521	3.3729	23,966.17 41
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.80 99	57,737.80 99	0.8328	1.1115	58,089.85 52
Total	17.6097	55.3000	187.0324	0.7855	88.6365	0.5857	89.2222	23.7096	0.5514	24.2610		80,685.06 10	80,685.06 10	1.3849	4.4844	82,056.02 92

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.89 17	22,593.89 17	0.5389	3.3186	23,596.30 23
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.07 05	56,692.07 05	0.7730	1.0791	57,032.96 53
Total	16.5697	54.6254	180.8728	0.7719	88.6365	0.5689	89.2054	23.7096	0.5359	24.2455		79,285.96 22	79,285.96 22	1.3120	4.3977	80,629.26 76

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.89 17	22,593.89 17	0.5389	3.3186	23,596.30 23
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.07 05	56,692.07 05	0.7730	1.0791	57,032.96 53
Total	16.5697	54.6254	180.8728	0.7719	88.6365	0.5689	89.2054	23.7096	0.5359	24.2455		79,285.96 22	79,285.96 22	1.3120	4.3977	80,629.26 76

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.19 50	22,284.19 50	0.5276	3.2712	23,272.18 81
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.34 98	55,772.34 98	0.7209	1.0524	56,103.98 26
Total	15.6459	54.0706	175.6078	0.7600	88.6364	0.5538	89.1902	23.7096	0.5220	24.2315		78,056.54 48	78,056.54 48	1.2485	4.3235	79,376.17 07

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.19 50	22,284.19 50	0.5276	3.2712	23,272.18 81
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.34 98	55,772.34 98	0.7209	1.0524	56,103.98 26
Total	15.6459	54.0706	175.6078	0.7600	88.6364	0.5538	89.1902	23.7096	0.5220	24.2315		78,056.54 48	78,056.54 48	1.2485	4.3235	79,376.17 07

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.32 70	22,005.32 70	0.5175	3.2284	22,980.31 35
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.59 47	54,963.59 47	0.6741	1.0301	55,287.42 97
Total	14.8112	53.5736	170.8963	0.7494	88.6364	0.5395	89.1758	23.7096	0.5088	24.2183		76,968.92 16	76,968.92 16	1.1916	4.2585	78,267.74 32

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.32 70	22,005.32 70	0.5175	3.2284	22,980.31 35
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.59 47	54,963.59 47	0.6741	1.0301	55,287.42 97
Total	14.8112	53.5736	170.8963	0.7494	88.6364	0.5395	89.1758	23.7096	0.5088	24.2183		76,968.92 16	76,968.92 16	1.1916	4.2585	78,267.74 32

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.96 56	21,757.96 56	0.5084	3.1904	22,721.41 28
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.14 12	54,259.14 12	0.6338	1.0127	54,576.77 56
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.10 68	76,017.10 68	1.1422	4.2031	77,298.18 84

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.08 26	20,920.08 26	0.4707	3.0638	21,844.84 95
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.65 88	51,959.65 88	0.4966	0.9619	52,258.71 84
Total	11.3608	52.0039	153.7985	0.7099	88.6363	0.4838	89.1201	23.7095	0.4574	24.1669		72,879.74 14	72,879.74 14	0.9673	4.0257	74,103.56 79

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.08 26	20,920.08 26	0.4707	3.0638	21,844.84 95
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.65 88	51,959.65 88	0.4966	0.9619	52,258.71 84
Total	11.3608	52.0039	153.7985	0.7099	88.6363	0.4838	89.1201	23.7095	0.4574	24.1669		72,879.74 14	72,879.74 14	0.9673	4.0257	74,103.56 79

3.4 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	18.0608					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	18.2524	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.50 06	14,388.50 06	0.3480	0.3426	14,499.29 19
Total	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.50 06	14,388.50 06	0.3480	0.3426	14,499.29 19

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2524	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

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.50 06	14,388.50 06	0.3480	0.3426	14,499.29 19
Total	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.50 06	14,388.50 06	0.3480	0.3426	14,499.29 19

3.4 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	18.0608					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	18.2415	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.62 73	13,968.62 73	0.3148	0.3176	14,071.13 67
Total	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.62 73	13,968.62 73	0.3148	0.3176	14,071.13 67

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2415	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

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.62 73	13,968.62 73	0.3148	0.3176	14,071.13 67
Total	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.62 73	13,968.62 73	0.3148	0.3176	14,071.13 67

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.59 72	13,489.59 72	0.2830	0.2956	13,584.76 61
Total	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.59 72	13,489.59 72	0.2830	0.2956	13,584.76 61

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.59 72	13,489.59 72	0.2830	0.2956	13,584.76 61
Total	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.59 72	13,489.59 72	0.2830	0.2956	13,584.76 61

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12
Total	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12
Total	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.19 70	12,680.19 70	0.2326	0.2624	12,764.19 80
Total	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.19 70	12,680.19 70	0.2326	0.2624	12,764.19 80

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.19 70	12,680.19 70	0.2326	0.2624	12,764.19 80
Total	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.19 70	12,680.19 70	0.2326	0.2624	12,764.19 80

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.88 52	12,339.88 52	0.2126	0.2497	12,419.61 69
Total	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.88 52	12,339.88 52	0.2126	0.2497	12,419.61 69

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.88 52	12,339.88 52	0.2126	0.2497	12,419.61 69
Total	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.88 52	12,339.88 52	0.2126	0.2497	12,419.61 69

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.52 91	12,037.52 91	0.1950	0.2390	12,113.62 10
Total	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.52 91	12,037.52 91	0.1950	0.2390	12,113.62 10

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.52 91	12,037.52 91	0.1950	0.2390	12,113.62 10
Total	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.52 91	12,037.52 91	0.1950	0.2390	12,113.62 10

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.75 80	11,769.75 80	0.1797	0.2299	11,842.76 32
Total	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.75 80	11,769.75 80	0.1797	0.2299	11,842.76 32

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.75 80	11,769.75 80	0.1797	0.2299	11,842.76 32
Total	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.75 80	11,769.75 80	0.1797	0.2299	11,842.76 32

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31
Total	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31
Total	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.23 45	11,335.23 45	0.1546	0.2158	11,403.39 43
Total	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.23 45	11,335.23 45	0.1546	0.2158	11,403.39 43

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.23 45	11,335.23 45	0.1546	0.2158	11,403.39 43
Total	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.23 45	11,335.23 45	0.1546	0.2158	11,403.39 43

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.34 20	11,151.34 20	0.1441	0.2104	11,217.64 99
Total	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.34 20	11,151.34 20	0.1441	0.2104	11,217.64 99

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.34 20	11,151.34 20	0.1441	0.2104	11,217.64 99
Total	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.34 20	11,151.34 20	0.1441	0.2104	11,217.64 99

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51
Total	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51
Total	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.01 76	10,389.01 76	0.0993	0.1923	10,448.81 27
Total	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.01 76	10,389.01 76	0.0993	0.1923	10,448.81 27

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.01 76	10,389.01 76	0.0993	0.1923	10,448.81 27
Total	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.01 76	10,389.01 76	0.0993	0.1923	10,448.81 27

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.8422	6.6996	20.4194	0.0381		0.2582	0.2582		0.2409	0.2409	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.8422	6.6996	20.4194	0.0381	7.2829	0.2582	7.5411	3.7430	0.2409	3.9839	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - San Bernardino-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	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Unmitigated	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-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					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-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

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.703 2	1,322.703 2	1.2600		1,354.202 0
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied. Reductions: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require CARB certified Tier 4 construction equipment.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58

Fontana Downtown Core Project - San Bernardino-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	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	57.2247	106.2109	380.6129	1.1737	104.7442	2.6070	107.3511	27.9815	2.4427	30.4242	0.0000	119,801.1883	119,801.1883	4.4644	6.0047	121,702.1961
2024	54.6579	102.7366	357.5801	1.1453	104.7441	2.4483	107.1924	27.9815	2.2922	30.2737	0.0000	116,909.8529	116,909.8529	4.2382	5.7995	118,744.0590
2025	53.0189	106.5339	341.8843	1.1357	124.4345	2.5006	126.8909	38.0928	2.3289	40.3810	0.0000	115,826.6707	115,826.6707	4.9195	5.5907	117,615.6921
2026	51.1068	104.5898	323.2571	1.1056	114.0033	2.4757	116.4790	31.6500	2.3059	33.9559	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	49.3591	102.8888	307.3399	1.0779	114.0032	2.4485	116.4518	31.6499	2.2808	33.9307	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	47.7544	101.4880	294.0642	1.0529	114.0032	2.4210	116.4242	31.6499	2.2554	33.9053	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.2151	80.9025	270.6265	0.9908	104.7436	1.6826	106.4262	27.9813	1.5759	29.5572	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	43.1503	73.5638	262.1415	0.9800	104.7436	1.1601	105.9037	27.9813	1.1201	29.1014	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.3410	65.6635	238.6176	0.9336	104.5759	0.8027	105.3785	27.9368	0.7645	28.7013	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	39.0942	64.8880	231.2342	0.9180	104.5758	0.7828	105.3586	27.9368	0.7462	28.6830	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.9865	64.2496	224.9190	0.9042	104.5757	0.7649	105.3406	27.9368	0.7297	28.6664	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.9853	63.6832	219.2665	0.8921	104.5757	0.7480	105.3237	27.9368	0.7141	28.6508	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.7175	60.7210	198.7021	0.8466	104.5756	0.5948	105.1703	27.9367	0.5660	28.5027	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	57.2247	106.5339	380.6129	1.1737	124.4345	2.6070	126.8909	38.0928	2.4427	40.3810	0.0000	119,801.1883	119,801.1883	4.9195	6.0047	121,702.1961

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	57.2247	106.2109	380.6129	1.1737	104.7442	2.6070	107.3511	27.9815	2.4427	30.4242	0.0000	119,801.1883	119,801.1883	4.4644	6.0047	121,702.1961
2024	54.6579	102.7366	357.5801	1.1453	104.7441	2.4483	107.1924	27.9815	2.2922	30.2737	0.0000	116,909.8529	116,909.8529	4.2382	5.7995	118,744.0590
2025	53.0189	106.5339	341.8843	1.1357	112.0604	2.5006	114.5168	31.7333	2.3289	34.0215	0.0000	115,826.6707	115,826.6707	4.9195	5.5907	117,615.6921
2026	51.1068	104.5898	323.2571	1.1056	108.2097	2.4757	110.6854	29.3499	2.3059	31.6558	0.0000	112,749.1844	112,749.1844	4.7365	5.4039	114,477.9689
2027	49.3591	102.8888	307.3399	1.0779	108.2096	2.4485	110.6581	29.3499	2.2808	31.6307	0.0000	109,908.8644	109,908.8644	4.5747	5.2321	111,582.4099
2028	47.7544	101.4880	294.0642	1.0529	108.2095	2.4210	110.6305	29.3499	2.2554	31.6053	0.0000	107,350.3145	107,350.3145	4.4376	5.0781	108,974.5417
2029	44.2151	80.9025	270.6265	0.9908	104.7436	1.6826	106.4262	27.9813	1.5759	29.5572	0.0000	101,208.8259	101,208.8259	3.0846	4.9397	102,757.9665
2030	43.1503	73.5638	262.1415	0.9800	104.7436	1.1601	105.9037	27.9813	1.1201	29.1014	0.0000	99,943.8622	99,943.8622	1.8985	4.8171	101,426.8239
2031	40.3410	65.6635	238.6176	0.9336	104.5759	0.8027	105.3785	27.9368	0.7645	28.7013	0.0000	95,408.3795	95,408.3795	1.6790	4.7066	96,852.9280
2032	39.0942	64.8880	231.2342	0.9180	104.5758	0.7828	105.3586	27.9368	0.7462	28.6830	0.0000	93,800.1916	93,800.1916	1.5941	4.6134	95,214.8476
2033	37.9865	64.2496	224.9190	0.9042	104.5757	0.7649	105.3406	27.9368	0.7297	28.6664	0.0000	92,386.8815	92,386.8815	1.5203	4.5340	93,776.0063
2034	36.9853	63.6832	219.2665	0.8921	104.5757	0.7480	105.3237	27.9368	0.7141	28.6508	0.0000	91,137.5527	91,137.5527	1.4540	4.4645	92,504.3140
2035	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2036	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2037	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2038	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2039	35.9975	62.3453	214.4536	0.8815	104.5757	0.6646	105.2402	27.9367	0.6319	28.5686	0.0000	90,044.8867	90,044.8867	1.3872	4.4056	91,392.4353
2040	32.7175	60.7210	198.7021	0.8466	104.5756	0.5948	105.1703	27.9367	0.5660	28.5027	0.0000	86,447.7541	86,447.7541	1.1806	4.2180	87,734.2267
Maximum	57.2247	106.5339	380.6129	1.1737	112.0604	2.6070	114.5168	31.7333	2.4427	34.0215	0.0000	119,801.1883	119,801.1883	4.9195	6.0047	121,702.1961

Fontana Downtown Core Project - San Bernardino-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	1.54	0.00	1.52	2.53	0.00	2.42	0.00	0.00	0.00	0.00	0.00	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	432.8494	182.2196	1,852.6495	2.5345	298.8465	8.1754	307.0219	79.6563	8.0964	87.7526	0.0000	277,804.0429	277,804.0429	15.5716	13.4075	282,188.7715

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Total	432.8494	182.2196	1,852.6495	2.5345	298.8465	8.1754	307.0219	79.6563	8.0964	87.7526	0.0000	277,804.0429	277,804.0429	15.5716	13.4075	282,188.7715

Fontana Downtown Core Project - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

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
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	0.00	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	7,132.00	1,392.00	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	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

Fontana Downtown Core Project - San Bernardino-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 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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		0.9975	0.9975		0.9280	0.9280	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

Fontana Downtown Core Project - San Bernardino-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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2437	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		0.9602	0.9602		0.8922	0.8922	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

Fontana Downtown Core Project - San Bernardino-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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0926	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		0.8528	0.8528		0.7920	0.7920	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

Fontana Downtown Core Project - San Bernardino-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 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	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.0107	26,715.0107	0.6982	3.9451	27,908.0986
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.6833	71,962.6833	1.7405	1.7134	72,516.7952
Total	29.4994	65.6410	288.7190	0.9611	88.6372	0.7596	89.3967	23.7099	0.7124	24.4223		98,677.6940	98,677.6940	2.4387	5.6585	100,424.8938

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	1.6294	48.8252	20.4877	0.2491	8.9182	0.3669	9.2851	2.5680	0.3510	2.9190		26,715.0107	26,715.0107	0.6982	3.9451	27,908.0986
Worker	27.8700	16.8158	268.2313	0.7120	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		71,962.6833	71,962.6833	1.7405	1.7134	72,516.7952
Total	29.4994	65.6410	288.7190	0.9611	88.6372	0.7596	89.3967	23.7099	0.7124	24.4223		98,677.6940	98,677.6940	2.4387	5.6585	100,424.8938

Fontana Downtown Core Project - San Bernardino-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 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	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.9928	26,346.9928	0.6770	3.8902	27,523.2041
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.7280	69,862.7280	1.5745	1.5884	70,375.4185
Total	27.4721	64.1810	269.5123	0.9369	88.6371	0.7378	89.3749	23.7098	0.6922	24.4020		96,209.7208	96,209.7208	2.2515	5.4786	97,898.6225

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	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	1.5918	49.2596	20.1471	0.2457	8.9181	0.3613	9.2794	2.5680	0.3456	2.9136		26,346.9928	26,346.9928	0.6770	3.8902	27,523.2041
Worker	25.8802	14.9215	249.3652	0.6912	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		69,862.7280	69,862.7280	1.5745	1.5884	70,375.4185
Total	27.4721	64.1810	269.5123	0.9369	88.6371	0.7378	89.3749	23.7098	0.6922	24.4020		96,209.7208	96,209.7208	2.2515	5.4786	97,898.6225

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.76 92	25,834.76 92	0.6576	3.8125	26,987.32 18
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.90 56	67,466.90 56	1.4155	1.4785	67,942.88 33
Total	25.6373	62.2769	250.8257	0.9084	88.6370	0.7182	89.3551	23.7098	0.6740	24.3838		93,301.67 48	93,301.67 48	2.0730	5.2910	94,930.20 50

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5612	48.9654	19.8309	0.2409	8.9180	0.3608	9.2788	2.5679	0.3451	2.9131		25,834.76 92	25,834.76 92	0.6576	3.8125	26,987.32 18
Worker	24.0761	13.3116	230.9948	0.6675	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		67,466.90 56	67,466.90 56	1.4155	1.4785	67,942.88 33
Total	25.6373	62.2769	250.8257	0.9084	88.6370	0.7182	89.3551	23.7098	0.6740	24.3838		93,301.67 48	93,301.67 48	2.0730	5.2910	94,930.20 50

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.36 63	25,321.36 63	0.6375	3.7344	26,450.15 73
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.05 17	65,335.05 17	1.2800	1.3881	65,780.70 27
Total	24.0429	60.5995	235.2940	0.8826	88.6369	0.6971	89.3340	23.7098	0.6546	24.3643		90,656.41 79	90,656.41 79	1.9175	5.1225	92,230.86 00

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5338	48.6032	19.5675	0.2362	8.9179	0.3586	9.2766	2.5679	0.3431	2.9110		25,321.36 63	25,321.36 63	0.6375	3.7344	26,450.15 73
Worker	22.5090	11.9963	215.7266	0.6464	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		65,335.05 17	65,335.05 17	1.2800	1.3881	65,780.70 27
Total	24.0429	60.5995	235.2940	0.8826	88.6369	0.6971	89.3340	23.7098	0.6546	24.3643		90,656.41 79	90,656.41 79	1.9175	5.1225	92,230.86 00

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.85 17	24,785.85 17	0.6163	3.6539	25,890.10 76
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.76 90	63,418.76 90	1.1631	1.3122	63,838.89 19
Total	22.5859	59.1236	222.0220	0.8587	88.6368	0.6741	89.3109	23.7097	0.6333	24.3430		88,204.62 08	88,204.62 08	1.7794	4.9661	89,728.99 95

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5105	48.2374	19.3419	0.2312	8.9178	0.3562	9.2740	2.5679	0.3407	2.9086		24,785.85 17	24,785.85 17	0.6163	3.6539	25,890.10 76
Worker	21.0754	10.8862	202.6801	0.6274	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		63,418.76 90	63,418.76 90	1.1631	1.3122	63,838.89 19
Total	22.5859	59.1236	222.0220	0.8587	88.6368	0.6741	89.3109	23.7097	0.6333	24.3430		88,204.62 08	88,204.62 08	1.7794	4.9661	89,728.99 95

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.42 25	24,274.42 25	0.5993	3.5760	25,355.04 21
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.73 30	61,716.73 30	1.0632	1.2490	62,115.50 32
Total	21.2485	57.9116	210.9541	0.8371	88.6367	0.6509	89.2876	23.7097	0.6118	24.3215		85,991.15 55	85,991.15 55	1.6625	4.8249	87,470.54 53

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4917	47.9568	19.1636	0.2265	8.9178	0.3542	9.2719	2.5678	0.3388	2.9067		24,274.42 25	24,274.42 25	0.5993	3.5760	25,355.04 21
Worker	19.7568	9.9548	191.7905	0.6106	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		61,716.73 30	61,716.73 30	1.0632	1.2490	62,115.50 32
Total	21.2485	57.9116	210.9541	0.8371	88.6367	0.6509	89.2876	23.7097	0.6118	24.3215		85,991.15 55	85,991.15 55	1.6625	4.8249	87,470.54 53

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.47 86	23,795.47 86	0.5822	3.5029	24,853.91 06
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.52 86	60,204.52 86	0.9753	1.1952	60,585.09 48
Total	19.9650	56.8562	201.3191	0.8177	88.6366	0.6291	89.2657	23.7097	0.5917	24.3013		84,000.00 73	84,000.00 73	1.5575	4.6982	85,439.00 54

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4751	47.7028	19.0071	0.2221	8.9177	0.3523	9.2700	2.5678	0.3370	2.9048		23,795.47 86	23,795.47 86	0.5822	3.5029	24,853.91 06
Worker	18.4900	9.1534	182.3120	0.5956	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		60,204.52 86	60,204.52 86	0.9753	1.1952	60,585.09 48
Total	19.9650	56.8562	201.3191	0.8177	88.6366	0.6291	89.2657	23.7097	0.5917	24.3013		84,000.00 73	84,000.00 73	1.5575	4.6982	85,439.00 54

Fontana Downtown Core Project - San Bernardino-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 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	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.4897	23,349.4897	0.5662	3.4349	24,387.2459
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.2976	58,865.2976	0.8985	1.1499	59,230.4258
Total	18.7684	55.9418	193.1315	0.8003	88.6366	0.6089	89.2455	23.7097	0.5730	24.2827		82,214.7873	82,214.7873	1.4647	4.5848	83,617.6716

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4620	47.4741	18.8861	0.2180	8.9176	0.3506	9.2682	2.5678	0.3354	2.9032		23,349.4897	23,349.4897	0.5662	3.4349	24,387.2459
Worker	17.3064	8.4677	174.2455	0.5824	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		58,865.2976	58,865.2976	0.8985	1.1499	59,230.4258
Total	18.7684	55.9418	193.1315	0.8003	88.6366	0.6089	89.2455	23.7097	0.5730	24.2827		82,214.7873	82,214.7873	1.4647	4.5848	83,617.6716

Fontana Downtown Core Project - San Bernardino-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 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	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.2511	22,947.2511	0.5521	3.3729	23,966.1741
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.8099	57,737.8099	0.8328	1.1115	58,089.8552
Total	17.6097	55.3000	187.0324	0.7855	88.6365	0.5857	89.2222	23.7096	0.5514	24.2610		80,685.0610	80,685.0610	1.3849	4.4844	82,056.0292

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4519	47.4344	18.8328	0.2143	8.9176	0.3427	9.2602	2.5678	0.3278	2.8956		22,947.2511	22,947.2511	0.5521	3.3729	23,966.1741
Worker	16.1578	7.8655	168.1996	0.5712	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		57,737.8099	57,737.8099	0.8328	1.1115	58,089.8552
Total	17.6097	55.3000	187.0324	0.7855	88.6365	0.5857	89.2222	23.7096	0.5514	24.2610		80,685.0610	80,685.0610	1.3849	4.4844	82,056.0292

Fontana Downtown Core Project - San Bernardino-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 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	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.8917	22,593.8917	0.5389	3.3186	23,596.3023
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.0705	56,692.0705	0.7730	1.0791	57,032.9653
Total	16.5697	54.6254	180.8728	0.7719	88.6365	0.5689	89.2054	23.7096	0.5359	24.2455		79,285.9622	79,285.9622	1.3120	4.3977	80,629.2676

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4458	47.2650	18.7939	0.2110	8.9175	0.3415	9.2590	2.5678	0.3267	2.8944		22,593.8917	22,593.8917	0.5389	3.3186	23,596.3023
Worker	15.1239	7.3605	162.0789	0.5609	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		56,692.0705	56,692.0705	0.7730	1.0791	57,032.9653
Total	16.5697	54.6254	180.8728	0.7719	88.6365	0.5689	89.2054	23.7096	0.5359	24.2455		79,285.9622	79,285.9622	1.3120	4.3977	80,629.2676

Fontana Downtown Core Project - San Bernardino-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 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	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.1950	22,284.1950	0.5276	3.2712	23,272.1881
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.3498	55,772.3498	0.7209	1.0524	56,103.9826
Total	15.6459	54.0706	175.6078	0.7600	88.6364	0.5538	89.1902	23.7096	0.5220	24.2315		78,056.5448	78,056.5448	1.2485	4.3235	79,376.1707

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4423	47.1277	18.7811	0.2082	8.9175	0.3404	9.2579	2.5677	0.3256	2.8934		22,284.1950	22,284.1950	0.5276	3.2712	23,272.1881
Worker	14.2036	6.9429	156.8267	0.5518	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		55,772.3498	55,772.3498	0.7209	1.0524	56,103.9826
Total	15.6459	54.0706	175.6078	0.7600	88.6364	0.5538	89.1902	23.7096	0.5220	24.2315		78,056.5448	78,056.5448	1.2485	4.3235	79,376.1707

Fontana Downtown Core Project - San Bernardino-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 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	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.3270	22,005.3270	0.5175	3.2284	22,980.3135
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.5947	54,963.5947	0.6741	1.0301	55,287.4297
Total	14.8112	53.5736	170.8963	0.7494	88.6364	0.5395	89.1758	23.7096	0.5088	24.2183		76,968.9216	76,968.9216	1.1916	4.2585	78,267.7432

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4399	46.9787	18.7765	0.2057	8.9174	0.3391	9.2565	2.5677	0.3244	2.8921		22,005.3270	22,005.3270	0.5175	3.2284	22,980.3135
Worker	13.3713	6.5950	152.1199	0.5438	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		54,963.5947	54,963.5947	0.6741	1.0301	55,287.4297
Total	14.8112	53.5736	170.8963	0.7494	88.6364	0.5395	89.1758	23.7096	0.5088	24.2183		76,968.9216	76,968.9216	1.1916	4.2585	78,267.7432

Fontana Downtown Core Project - San Bernardino-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 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	1.4375	46.8353	18.7738	0.2034	8.9174	0.3377	9.2551	2.5677	0.3230	2.8908		21,757.9656	21,757.9656	0.5084	3.1904	22,721.4128
Worker	12.6378	6.3261	148.1467	0.5368	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		54,259.1412	54,259.1412	0.6338	1.0127	54,576.7756
Total	14.0752	53.1614	166.9206	0.7402	88.6363	0.5265	89.1629	23.7096	0.4968	24.2063		76,017.1068	76,017.1068	1.1422	4.2031	77,298.1884

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.08 26	20,920.08 26	0.4707	3.0638	21,844.84 95
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.65 88	51,959.65 88	0.4966	0.9619	52,258.71 84
Total	11.3608	52.0039	153.7985	0.7099	88.6363	0.4838	89.1201	23.7095	0.4574	24.1669		72,879.74 14	72,879.74 14	0.9673	4.0257	74,103.56 79

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4373	46.5036	18.7966	0.1958	8.9173	0.3348	9.2521	2.5677	0.3203	2.8880		20,920.08 26	20,920.08 26	0.4707	3.0638	21,844.84 95
Worker	9.9235	5.5003	135.0020	0.5140	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		51,959.65 88	51,959.65 88	0.4966	0.9619	52,258.71 84
Total	11.3608	52.0039	153.7985	0.7099	88.6363	0.4838	89.1201	23.7095	0.4574	24.1669		72,879.74 14	72,879.74 14	0.9673	4.0257	74,103.56 79

Fontana Downtown Core Project - San Bernardino-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 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	18.0608					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	18.2524	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	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919
Total	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2524	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	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919
Total	5.5724	3.3622	53.6312	0.1424	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		14,388.5006	14,388.5006	0.3480	0.3426	14,499.2919

Fontana Downtown Core Project - San Bernardino-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 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	18.0608					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	18.2415	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	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367
Total	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2415	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	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367
Total	5.1746	2.9835	49.8591	0.1382	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		13,968.6273	13,968.6273	0.3148	0.3176	14,071.1367

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661
Total	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661
Total	4.8139	2.6616	46.1860	0.1335	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		13,489.5972	13,489.5972	0.2830	0.2956	13,584.7661

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12
Total	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12
Total	4.5005	2.3986	43.1332	0.1292	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		13,063.34 60	13,063.34 60	0.2559	0.2775	13,152.45 12

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980
Total	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980
Total	4.2139	2.1766	40.5247	0.1255	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		12,680.1970	12,680.1970	0.2326	0.2624	12,764.1980

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169
Total	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169
Total	3.9503	1.9904	38.3473	0.1221	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		12,339.8852	12,339.8852	0.2126	0.2497	12,419.6169

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210
Total	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210
Total	3.6970	1.8302	36.4522	0.1191	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		12,037.5291	12,037.5291	0.1950	0.2390	12,113.6210

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632
Total	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632
Total	3.4603	1.6931	34.8393	0.1164	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		11,769.7580	11,769.7580	0.1797	0.2299	11,842.7632

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.3237	11,544.3237	0.1665	0.2222	11,614.7131
Total	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.3237	11,544.3237	0.1665	0.2222	11,614.7131

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31
Total	3.2307	1.5727	33.6305	0.1142	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		11,544.32 37	11,544.32 37	0.1665	0.2222	11,614.71 31

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943
Total	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943
Total	3.0239	1.4717	32.4067	0.1121	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		11,335.2345	11,335.2345	0.1546	0.2158	11,403.3943

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499
Total	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499
Total	2.8399	1.3882	31.3565	0.1103	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		11,151.3420	11,151.3420	0.1441	0.2104	11,217.6499

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.6363	10,989.6363	0.1348	0.2060	11,054.3851
Total	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.6363	10,989.6363	0.1348	0.2060	11,054.3851

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51
Total	2.6735	1.3186	30.4154	0.1087	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		10,989.63 63	10,989.63 63	0.1348	0.2060	11,054.38 51

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.78 51	10,848.78 51	0.1267	0.2025	10,912.29 42

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942
Total	2.5268	1.2649	29.6210	0.1073	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		10,848.7851	10,848.7851	0.1267	0.2025	10,912.2942

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127
Total	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127
Total	1.9841	1.0998	26.9928	0.1028	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		10,389.0176	10,389.0176	0.0993	0.1923	10,448.8127

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	7.2829	1.0868	8.3697	3.7430	0.9999	4.7428	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

Fontana Downtown Core Project - San Bernardino-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	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432
Unmitigated	148.9014	138.4870	1,105.6380	2.2711	298.8465	1.2572	300.1037	79.6563	1.1782	80.8344		231,554.1930	231,554.1930	13.4506	12.5838	235,640.4432

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

Fontana Downtown Core Project - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-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					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-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

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

Fontana Downtown Core Project - San Bernardino-South Coast County, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.703 2	1,322.703 2	1.2600		1,354.202 0
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-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

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Figitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58
tblLandUse	LotAcreage	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	55.8809	109.9975	324.1925	1.0938	104.7442	2.6085	107.3526	27.9815	2.4441	30.4256	0.0000	111,732.9862	111,732.9862	4.4614	6.0832	113,657.3025
2024	53.4756	106.4162	305.4430	1.0679	104.7441	2.4498	107.1938	27.9815	2.2936	30.2751	0.0000	109,095.4805	109,095.4805	4.2389	5.8722	110,951.3629
2025	51.9748	110.0970	293.8962	1.0612	124.4345	2.5020	126.8923	38.0928	2.3302	40.3824	0.0000	108,295.4729	108,295.4729	4.9245	5.6585	110,104.8238
2026	50.1876	108.0521	278.6828	1.0336	114.0033	2.4770	116.4804	31.6500	2.3072	33.9572	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	48.5439	106.2639	265.6494	1.0080	114.0032	2.4498	116.4530	31.6499	2.2820	33.9319	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	47.0218	104.7910	254.7624	0.9850	114.0032	2.4223	116.4254	31.6499	2.2566	33.9065	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8958
2029	43.5589	84.1421	233.3952	0.9246	104.7436	1.6838	106.4274	27.9813	1.5771	29.5584	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.5626	76.7491	226.6438	0.9154	104.7436	1.1613	105.9049	27.9813	1.1213	29.1026	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.8133	68.8063	204.3940	0.8703	104.5759	0.8039	105.3797	27.9368	0.7656	28.7025	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.6222	67.9932	198.3021	0.8558	104.5758	0.7840	105.3598	27.9368	0.7473	28.6841	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.5661	67.3259	193.0896	0.8431	104.5757	0.7660	105.3418	27.9368	0.7308	28.6675	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.6224	66.7352	188.4274	0.8318	104.5757	0.7491	105.3248	27.9368	0.7152	28.6519	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.6148	63.7055	171.4148	0.7896	104.5756	0.5959	105.1714	27.9367	0.5670	28.5037	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	55.8809	110.0970	324.1925	1.0938	124.4345	2.6085	126.8923	38.0928	2.4441	40.3824	0.0000	111,732.9862	111,732.9862	4.9245	6.0832	113,657.3025

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	54.0998	89.7596	328.2970	1.0938	104.7442	1.6614	106.4055	27.9815	1.5777	29.5592	0.0000	111,732.9862	111,732.9862	4.4614	6.0832	113,657.3024
2024	51.7162	86.8870	309.5285	1.0679	104.7441	1.5341	106.2782	27.9815	1.4561	29.4376	0.0000	109,095.4805	109,095.4805	4.2389	5.8722	110,951.3629
2025	49.8118	86.3466	301.0945	1.0612	112.0604	1.5196	113.5800	31.7333	1.4305	33.1638	0.0000	108,295.4728	108,295.4728	4.9245	5.6585	110,104.8238
2026	48.0246	83.2471	285.8810	1.0336	108.2097	1.4362	109.6459	29.3499	1.3576	30.7075	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	46.3808	81.4589	272.8476	1.0080	108.2096	1.4090	109.6185	29.3499	1.3324	30.6823	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	44.8588	82.9193	261.9607	0.9850	108.2095	1.6001	109.5909	29.3499	1.5009	30.6568	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8957
2029	43.3472	81.6390	234.1502	0.9246	104.7436	1.5742	106.3179	27.9813	1.4770	29.4583	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.3931	76.2446	227.7324	0.9154	104.7436	1.1448	105.8884	27.9813	1.1047	29.0860	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.6437	68.3018	205.4827	0.8703	104.5759	0.7873	105.3632	27.9368	0.7491	28.6859	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.4526	67.4887	199.3907	0.8558	104.5758	0.7674	105.3432	27.9368	0.7308	28.6676	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.3966	66.8214	194.1783	0.8431	104.5757	0.7495	105.3252	27.9368	0.7142	28.6510	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.4528	66.2307	189.5160	0.8318	104.5757	0.7326	105.3083	27.9368	0.6986	28.6354	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.5395	65.1686	185.5389	0.8220	104.5757	0.6574	105.2331	27.9367	0.6247	28.5614	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.4752	63.6187	172.5065	0.7896	104.5756	0.5907	105.1663	27.9367	0.5619	28.4986	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	54.0998	89.7596	328.2970	1.0938	112.0604	1.6614	113.5800	31.7333	1.5777	33.1638	0.0000	111,732.9862	111,732.9862	4.9245	6.0832	113,657.3024

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	405.9406	191.7788	1,797.3895	2.3761	298.8465	8.1780	307.0245	79.6563	8.0989	87.7551	0.0000	261,805.4071	261,805.4071	16.2119	13.7604	266,311.3014

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	405.9406	191.7788	1,797.3895	2.3761	298.8465	8.1780	307.0245	79.6563	8.0989	87.7551	0.0000	261,805.4071	261,805.4071	16.2119	13.7604	266,311.3014

Fontana Downtown Core Project - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

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
Architectural Coating	Air Compressors	1	6.00	78	0.48
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
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

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	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	7,132.00	1,392.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,426.00	0.00	0.00	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
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Water Exposed Area

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - San Bernardino-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 - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.7334	4.3163	23.0786	0.0388		0.1816	0.1816		0.1816	0.1816	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - San Bernardino-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 - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	0.7126	4.1463	23.0713	0.0388		0.1638	0.1638		0.1638	0.1638	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	0.6948	4.0014	23.0661	0.0388		0.1461	0.1461		0.1461	0.1461	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

3.3 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

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.79 74	26,779.79 74	0.6926	3.9573	27,976.39 81
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.73 49	65,196.73 49	1.7426	1.7685	65,767.31 50
Total	28.3624	69.2528	241.8884	0.8947	88.6372	0.7611	89.3982	23.7099	0.7139	24.4237		91,976.53 23	91,976.53 23	2.4352	5.7258	93,743.71 31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	1.3273	11.3151	16.9133	0.0269		0.5686	0.5686		0.5384	0.5384	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.79 74	26,779.79 74	0.6926	3.9573	27,976.39 81
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.73 49	65,196.73 49	1.7426	1.7685	65,767.31 50
Total	28.3624	69.2528	241.8884	0.8947	88.6372	0.7611	89.3982	23.7099	0.7139	24.4237		91,976.53 23	91,976.53 23	2.4352	5.7258	93,743.71 31

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.38 62	26,411.38 62	0.6714	3.9022	27,591.02 82
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.27 13	63,308.27 13	1.5797	1.6389	63,836.14 05
Total	26.4693	67.7069	226.2441	0.8726	88.6371	0.7393	89.3764	23.7098	0.6936	24.4034		89,719.65 75	89,719.65 75	2.2510	5.5411	91,427.16 87

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.2433	10.6463	16.8883	0.0270		0.4940	0.4940		0.4678	0.4678	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.38 62	26,411.38 62	0.6714	3.9022	27,591.02 82
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.27 13	63,308.27 13	1.5797	1.6389	63,836.14 05
Total	26.4693	67.7069	226.2441	0.8726	88.6371	0.7393	89.3764	23.7098	0.6936	24.4034		89,719.65 75	89,719.65 75	2.2510	5.5411	91,427.16 87

3.3 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.51 57	25,898.51 57	0.6519	3.8242	27,054.42 11
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.24 68	61,152.24 68	1.4243	1.5251	61,642.33 94
Total	24.7500	65.7033	211.0317	0.8465	88.6370	0.7195	89.3565	23.7098	0.6754	24.3851		87,050.76 24	87,050.76 24	2.0762	5.3493	88,696.76 05

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.51 57	25,898.51 57	0.6519	3.8242	27,054.42 11
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.24 68	61,152.24 68	1.4243	1.5251	61,642.33 94
Total	24.7500	65.7033	211.0317	0.8465	88.6370	0.7195	89.3565	23.7098	0.6754	24.3851		87,050.76 24	87,050.76 24	2.0762	5.3493	88,696.76 05

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.31 66	25,384.31 66	0.6318	3.7459	26,516.38 54
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.29 59	59,231.29 59	1.2912	1.4315	59,690.17 10
Total	23.2594	63.9392	198.3374	0.8228	88.6369	0.6985	89.3353	23.7098	0.6558	24.3656		84,615.61 25	84,615.61 25	1.9231	5.1774	86,206.55 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.31 66	25,384.31 66	0.6318	3.7459	26,516.38 54
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.29 59	59,231.29 59	1.2912	1.4315	59,690.17 10
Total	23.2594	63.9392	198.3374	0.8228	88.6369	0.6985	89.3353	23.7098	0.6558	24.3656		84,615.61 25	84,615.61 25	1.9231	5.1774	86,206.55 65

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.99 15	24,847.99 15	0.6107	3.6651	25,955.45 59
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.23 20	57,502.23 20	1.1761	1.3530	57,934.82 36
Total	21.8888	62.3882	187.4622	0.8007	88.6368	0.6754	89.3122	23.7097	0.6345	24.3442		82,350.22 35	82,350.22 35	1.7868	5.0181	83,890.27 95

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.99 15	24,847.99 15	0.6107	3.6651	25,955.45 59
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.23 20	57,502.23 20	1.1761	1.3530	57,934.82 36
Total	21.8888	62.3882	187.4622	0.8007	88.6368	0.6754	89.3122	23.7097	0.6345	24.3442		82,350.22 35	82,350.22 35	1.7868	5.0181	83,890.27 95

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.65 64	24,335.65 64	0.5937	3.5870	25,419.41 87
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.70 24	55,964.70 24	1.0773	1.2875	56,375.29 70
Total	20.6201	61.1143	178.3797	0.7807	88.6367	0.6522	89.2889	23.7097	0.6130	24.3227		80,300.35 88	80,300.35 88	1.6710	4.8744	81,794.71 57

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.65 64	24,335.65 64	0.5937	3.5870	25,419.41 87
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.70 24	55,964.70 24	1.0773	1.2875	56,375.29 70
Total	20.6201	61.1143	178.3797	0.7807	88.6367	0.6522	89.2889	23.7097	0.6130	24.3227		80,300.35 88	80,300.35 88	1.6710	4.8744	81,794.71 57

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.80 35	23,855.80 35	0.5765	3.5138	24,917.31 71
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.89 26	54,596.89 26	0.9903	1.2318	54,988.72 54
Total	19.3998	60.0048	170.4473	0.7628	88.6366	0.6303	89.2669	23.7097	0.5928	24.3025		78,452.69 61	78,452.69 61	1.5668	4.7456	79,906.04 25

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.1557	9.9665	16.8397	0.0270		0.4180	0.4180		0.3961	0.3961	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.80 35	23,855.80 35	0.5765	3.5138	24,917.31 71
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.89 26	54,596.89 26	0.9903	1.2318	54,988.72 54
Total	19.3998	60.0048	170.4473	0.7628	88.6366	0.6303	89.2669	23.7097	0.5928	24.3025		78,452.69 61	78,452.69 61	1.5668	4.7456	79,906.04 25

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.95 16	23,408.95 16	0.5605	3.4455	24,449.73 48
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.19 50	53,384.19 50	0.9139	1.1848	53,760.10 78
Total	18.2602	59.0437	163.7013	0.7467	88.6366	0.6101	89.2467	23.7097	0.5742	24.2838		76,793.14 67	76,793.14 67	1.4744	4.6303	78,209.84 26

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.95 16	23,408.95 16	0.5605	3.4455	24,449.73 48
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.19 50	53,384.19 50	0.9139	1.1848	53,760.10 78
Total	18.2602	59.0437	163.7013	0.7467	88.6366	0.6101	89.2467	23.7097	0.5742	24.2838		76,793.14 67	76,793.14 67	1.4744	4.6303	78,209.84 26

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.97 59	23,005.97 59	0.5464	3.3834	24,027.88 12
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.96 54	52,360.96 54	0.8480	1.1449	52,723.34 73
Total	17.1507	58.3670	158.6111	0.7328	88.6365	0.5868	89.2234	23.7096	0.5525	24.2621		75,366.94 13	75,366.94 13	1.3944	4.5283	76,751.22 85

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.97 59	23,005.97 59	0.5464	3.3834	24,027.88 12
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.96 54	52,360.96 54	0.8480	1.1449	52,723.34 73
Total	17.1507	58.3670	158.6111	0.7328	88.6365	0.5868	89.2234	23.7096	0.5525	24.2621		75,366.94 13	75,366.94 13	1.3944	4.5283	76,751.22 85

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.97 17	22,651.97 17	0.5332	3.3289	23,657.32 68
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.50 61	51,412.50 61	0.7884	1.1113	51,763.38 68
Total	16.1569	57.6605	153.5278	0.7202	88.6365	0.5701	89.2065	23.7096	0.5370	24.2466		74,064.47 78	74,064.47 78	1.3216	4.4403	75,420.71 36

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.97 17	22,651.97 17	0.5332	3.3289	23,657.32 68
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.50 61	51,412.50 61	0.7884	1.1113	51,763.38 68
Total	16.1569	57.6605	153.5278	0.7202	88.6365	0.5701	89.2065	23.7096	0.5370	24.2466		74,064.47 78	74,064.47 78	1.3216	4.4403	75,420.71 36

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.76 21	22,341.76 21	0.5218	3.2814	23,332.66 97
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.02 22	50,578.02 22	0.7363	1.0836	50,919.35 34
Total	15.2762	57.0812	149.1818	0.7091	88.6364	0.5549	89.1913	23.7096	0.5231	24.2326		72,919.78 43	72,919.78 43	1.2581	4.3651	74,252.02 31

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.76 21	22,341.76 21	0.5218	3.2814	23,332.66 97
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.02 22	50,578.02 22	0.7363	1.0836	50,919.35 34
Total	15.2762	57.0812	149.1818	0.7091	88.6364	0.5549	89.1913	23.7096	0.5231	24.2326		72,919.78 43	72,919.78 43	1.2581	4.3651	74,252.02 31

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.47 35	22,062.47 35	0.5117	3.2385	23,040.34 99
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.12 60	49,844.12 60	0.6895	1.0606	50,177.42 37
Total	14.4892	56.5637	145.2957	0.6993	88.6364	0.5406	89.1770	23.7096	0.5098	24.2194		71,906.59 95	71,906.59 95	1.2012	4.2992	73,217.77 36

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.1396	7.4301	17.2456	0.0310		0.1316	0.1316		0.1316	0.1316	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.47 35	22,062.47 35	0.5117	3.2385	23,040.34 99
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.12 60	49,844.12 60	0.6895	1.0606	50,177.42 37
Total	14.4892	56.5637	145.2957	0.6993	88.6364	0.5406	89.1770	23.7096	0.5098	24.2194		71,906.59 95	71,906.59 95	1.2012	4.2992	73,217.77 36

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.0690	6.9515	17.2105	0.0310		0.0821	0.0821		0.0821	0.0821	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.74 71	21,814.74 71	0.5025	3.2005	22,781.06 33
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.86 85	49,204.86 85	0.6491	1.0426	49,531.78 31
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.61 56	71,019.61 56	1.1516	4.2431	72,312.84 63

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.81 72	20,975.81 72	0.4648	3.0737	21,903.39 23
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.36 35	47,118.36 35	0.5111	0.9900	47,426.17 23
Total	11.2552	54.9375	131.1586	0.6625	88.6363	0.4849	89.1212	23.7095	0.4585	24.1680		68,094.18 07	68,094.18 07	0.9759	4.0637	69,329.56 46

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.0574	6.8035	17.2102	0.0310		0.0686	0.0686		0.0686	0.0686	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.81 72	20,975.81 72	0.4648	3.0737	21,903.39 23
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.36 35	47,118.36 35	0.5111	0.9900	47,426.17 23
Total	11.2552	54.9375	131.1586	0.6625	88.6363	0.4849	89.1212	23.7095	0.4585	24.1680		68,094.18 07	68,094.18 07	0.9759	4.0637	69,329.56 46

3.4 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	18.0608					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	18.2524	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.69 04	13,035.69 04	0.3484	0.3536	13,149.77 44
Total	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.69 04	13,035.69 04	0.3484	0.3536	13,149.77 44

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2524	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

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.69 04	13,035.69 04	0.3484	0.3536	13,149.77 44
Total	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.69 04	13,035.69 04	0.3484	0.3536	13,149.77 44

3.4 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	18.0608					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	18.2415	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.10 36	12,658.10 36	0.3158	0.3277	12,763.64 78
Total	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.10 36	12,658.10 36	0.3158	0.3277	12,763.64 78

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2415	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

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.10 36	12,658.10 36	0.3158	0.3277	12,763.64 78
Total	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.10 36	12,658.10 36	0.3158	0.3277	12,763.64 78

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.01 96	12,227.01 96	0.2848	0.3049	12,325.01 07
Total	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.01 96	12,227.01 96	0.2848	0.3049	12,325.01 07

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.01 96	12,227.01 96	0.2848	0.3049	12,325.01 07
Total	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.01 96	12,227.01 96	0.2848	0.3049	12,325.01 07

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.93 72	11,842.93 72	0.2582	0.2862	11,934.68 65
Total	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.93 72	11,842.93 72	0.2582	0.2862	11,934.68 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.93 72	11,842.93 72	0.2582	0.2862	11,934.68 65
Total	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.93 72	11,842.93 72	0.2582	0.2862	11,934.68 65

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54
Total	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54
Total	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76
Total	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76
Total	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.31 64	10,916.31 64	0.1980	0.2463	10,994.66 10
Total	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.31 64	10,916.31 64	0.1980	0.2463	10,994.66 10

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.31 64	10,916.31 64	0.1980	0.2463	10,994.66 10
Total	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.31 64	10,916.31 64	0.1980	0.2463	10,994.66 10

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64
Total	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64
Total	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.25 64	10,469.25 64	0.1696	0.2289	10,541.71 25
Total	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.25 64	10,469.25 64	0.1696	0.2289	10,541.71 25

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.25 64	10,469.25 64	0.1696	0.2289	10,541.71 25
Total	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.25 64	10,469.25 64	0.1696	0.2289	10,541.71 25

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.61 77	10,279.61 77	0.1576	0.2222	10,349.77 42
Total	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.61 77	10,279.61 77	0.1576	0.2222	10,349.77 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.61 77	10,279.61 77	0.1576	0.2222	10,349.77 42
Total	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.61 77	10,279.61 77	0.1576	0.2222	10,349.77 42

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.76 78	10,112.76 78	0.1472	0.2167	10,181.01 49
Total	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.76 78	10,112.76 78	0.1472	0.2167	10,181.01 49

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.76 78	10,112.76 78	0.1472	0.2167	10,181.01 49
Total	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.76 78	10,112.76 78	0.1472	0.2167	10,181.01 49

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

3.4 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.214 0	9,838.214 0	0.1298	0.2085	9,903.578 6

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.030 1	9,421.030 1	0.1022	0.1980	9,482.574 6
Total	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.030 1	9,421.030 1	0.1022	0.1980	9,482.574 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.030 1	9,421.030 1	0.1022	0.1980	9,482.574 6
Total	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.030 1	9,421.030 1	0.1022	0.1980	9,482.574 6

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.103 7	3,689.103 7	1.1931		3,718.932 0
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.103 7	3,689.103 7	1.1931		3,718.932 0

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.8422	6.6996	20.4194	0.0381		0.2582	0.2582		0.2409	0.2409	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.8422	6.6996	20.4194	0.0381	7.2829	0.2582	7.5411	3.7430	0.2409	3.9839	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.9498	5.6411	32.7743	0.0621		0.1996	0.1996		0.1910	0.1910	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.9498	5.6411	32.7743	0.0621	3.4099	0.1996	3.6095	1.3537	0.1910	1.5447	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - San Bernardino-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	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.571	215,555.571	14.0908	12.9367	219,762.9731
Unmitigated	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.571	215,555.571	14.0908	12.9367	219,762.9731

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-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					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.703 2	1,322.703 2	1.2600		1,354.202 0
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.703 2	1,322.703 2	1.2600		1,354.202 0
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-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

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

**Fontana Downtown Core Project
San Bernardino-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)	202.50	1000sqft	4.65	202,502.00	0
Apartments Mid Rise	3,305.00	Dwelling Unit	84.59	3,305,000.00	9452
Apartments Mid Rise	2,802.00	Dwelling Unit	84.70	2,802,000.00	8014
Apartments Mid Rise	1,795.00	Dwelling Unit	14.58	1,795,000.00	5134
Apartments Mid Rise	622.00	Dwelling Unit	7.83	622,000.00	1779
Single Family Housing	376.00	Dwelling Unit	73.30	676,800.00	1075
Regional Shopping Center	251.40	1000sqft	5.77	251,401.00	0
Strip Mall	950.12	1000sqft	21.81	950,117.00	0
Strip Mall	1,281.38	1000sqft	29.42	1,281,384.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions (see EIR Proj. Descrip. page 3-14). Total: 8,900 DUs; 2,685,404 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2.

Construction Phase - Construction schedule simplified for the purposes of modeling.

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day = 105,168 trips/day/202.502 sf. Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied. Reductions: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require CARB certified Tier 4 construction equipment.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	7,245.40	0.00
tblFireplaces	NumberGas	319.60	0.00
tblFireplaces	NumberNoFireplace	852.40	0.00
tblFireplaces	NumberNoFireplace	37.60	0.00
tblFireplaces	NumberWood	426.20	0.00
tblFireplaces	NumberWood	18.80	0.00
tblLandUse	LandUseSquareFeet	202,500.00	202,502.00
tblLandUse	LandUseSquareFeet	251,400.00	251,401.00
tblLandUse	LandUseSquareFeet	1,281,380.00	1,281,384.00
tblLandUse	LandUseSquareFeet	950,120.00	950,117.00
tblLandUse	LotAcreage	47.24	14.58

Fontana Downtown Core Project - San Bernardino-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	73.74	84.70
tblLandUse	LotAcreage	86.97	84.59
tblLandUse	LotAcreage	16.37	7.83
tblLandUse	LotAcreage	122.08	73.30
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWoodstoves	NumberCatalytic	426.20	0.00
tblWoodstoves	NumberCatalytic	18.80	0.00
tblWoodstoves	NumberNoncatalytic	426.20	0.00
tblWoodstoves	NumberNoncatalytic	18.80	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	55.8809	109.9975	324.1925	1.0938	104.7442	2.6085	107.3526	27.9815	2.4441	30.4256	0.0000	111,732.9862	111,732.9862	4.4614	6.0832	113,657.3025
2024	53.4756	106.4162	305.4430	1.0679	104.7441	2.4498	107.1938	27.9815	2.2936	30.2751	0.0000	109,095.4805	109,095.4805	4.2389	5.8722	110,951.3629
2025	51.9748	110.0970	293.8962	1.0612	124.4345	2.5020	126.8923	38.0928	2.3302	40.3824	0.0000	108,295.4729	108,295.4729	4.9245	5.6585	110,104.8238
2026	50.1876	108.0521	278.6828	1.0336	114.0033	2.4770	116.4804	31.6500	2.3072	33.9572	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	48.5439	106.2639	265.6494	1.0080	114.0032	2.4498	116.4530	31.6499	2.2820	33.9319	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	47.0218	104.7910	254.7624	0.9850	114.0032	2.4223	116.4254	31.6499	2.2566	33.9065	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8958
2029	43.5589	84.1421	233.3952	0.9246	104.7436	1.6838	106.4274	27.9813	1.5771	29.5584	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.5626	76.7491	226.6438	0.9154	104.7436	1.1613	105.9049	27.9813	1.1213	29.1026	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.8133	68.8063	204.3940	0.8703	104.5759	0.8039	105.3797	27.9368	0.7656	28.7025	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.6222	67.9932	198.3021	0.8558	104.5758	0.7840	105.3598	27.9368	0.7473	28.6841	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.5661	67.3259	193.0896	0.8431	104.5757	0.7660	105.3418	27.9368	0.7308	28.6675	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.6224	66.7352	188.4274	0.8318	104.5757	0.7491	105.3248	27.9368	0.7152	28.6519	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.6148	63.7055	171.4148	0.7896	104.5756	0.5959	105.1714	27.9367	0.5670	28.5037	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	55.8809	110.0970	324.1925	1.0938	124.4345	2.6085	126.8923	38.0928	2.4441	40.3824	0.0000	111,732.9862	111,732.9862	4.9245	6.0832	113,657.3025

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - San Bernardino-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
Year	lb/day										lb/day					
2023	55.8809	109.9975	324.1925	1.0938	104.7442	2.6085	107.3526	27.9815	2.4441	30.4256	0.0000	111,732.9862	111,732.9862	4.4614	6.0832	113,657.3024
2024	53.4756	106.4162	305.4430	1.0679	104.7441	2.4498	107.1938	27.9815	2.2936	30.2751	0.0000	109,095.4805	109,095.4805	4.2389	5.8722	110,951.3629
2025	51.9748	110.0970	293.8962	1.0612	112.0604	2.5020	114.5182	31.7333	2.3302	34.0229	0.0000	108,295.4728	108,295.4728	4.9245	5.6585	110,104.8238
2026	50.1876	108.0521	278.6828	1.0336	108.2097	2.4770	110.6867	29.3499	2.3072	31.6571	0.0000	105,470.8536	105,470.8536	4.7444	5.4676	107,218.8212
2027	48.5439	106.2639	265.6494	1.0080	108.2096	2.4498	110.6594	29.3499	2.2820	31.6319	0.0000	102,854.9000	102,854.9000	4.5847	5.2924	104,546.6507
2028	47.0218	104.7910	254.7624	0.9850	108.2095	2.4223	110.6318	29.3499	2.2566	31.6065	0.0000	100,493.3041	100,493.3041	4.4489	5.1355	102,134.8957
2029	43.5589	84.1421	233.3952	0.9246	104.7436	1.6838	106.4274	27.9813	1.5771	29.5584	0.0000	94,528.5081	94,528.5081	3.0969	4.9944	96,094.2733
2030	42.5626	76.7491	226.6438	0.9154	104.7436	1.1613	105.9049	27.9813	1.1213	29.1026	0.0000	93,414.7806	93,414.7806	1.9113	4.8697	94,913.7329
2031	39.8133	68.8063	204.3940	0.8703	104.5759	0.8039	105.3797	27.9368	0.7656	28.7025	0.0000	89,015.1925	89,015.1925	1.6916	4.7572	90,475.1267
2032	38.6222	67.9932	198.3021	0.8558	104.5758	0.7840	105.3598	27.9368	0.7473	28.6841	0.0000	87,523.0904	87,523.0904	1.6069	4.6625	88,952.6734
2033	37.5661	67.3259	193.0896	0.8431	104.5757	0.7660	105.3418	27.9368	0.7308	28.6675	0.0000	86,211.5469	86,211.5469	1.5330	4.5817	87,615.2237
2034	36.6224	66.7352	188.4274	0.8318	104.5757	0.7491	105.3248	27.9368	0.7152	28.6519	0.0000	85,051.6240	85,051.6240	1.4666	4.5112	86,432.6298
2035	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2036	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2037	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2038	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2039	35.6873	65.3784	184.4462	0.8220	104.5757	0.6657	105.2414	27.9367	0.6329	28.5697	0.0000	84,036.8245	84,036.8245	1.3997	4.4516	85,398.3778
2040	32.6148	63.7055	171.4148	0.7896	104.5756	0.5959	105.1714	27.9367	0.5670	28.5037	0.0000	80,694.2059	80,694.2059	1.1921	4.2617	81,993.9851
Maximum	55.8809	110.0970	324.1925	1.0938	112.0604	2.6085	114.5182	31.7333	2.4441	34.0229	0.0000	111,732.9862	111,732.9862	4.9245	6.0832	113,657.3024

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	405.9406	191.7788	1,797.3895	2.3761	298.8465	8.1780	307.0245	79.6563	8.0989	87.7551	0.0000	261,805.4071	261,805.4071	16.2119	13.7604	266,311.3014

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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Energy	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
Mobile	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.5571	215,555.5571	14.0908	12.9367	219,762.9731
Total	405.9406	191.7788	1,797.3895	2.3761	298.8465	8.1780	307.0245	79.6563	8.0989	87.7551	0.0000	261,805.4071	261,805.4071	16.2119	13.7604	266,311.3014

Fontana Downtown Core Project - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 18,631,620; Residential Outdoor: 6,210,540; Non-Residential Indoor: 4,028,106; Non-Residential Outdoor: 1,342,702; 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

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

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
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	0.00	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	7,132.00	1,392.00	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	1,426.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

Fontana Downtown Core Project - San Bernardino-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 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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		0.9975	0.9975		0.9280	0.9280	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

Fontana Downtown Core Project - San Bernardino-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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2437	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		0.9602	0.9602		0.8922	0.8922	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

Fontana Downtown Core Project - San Bernardino-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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

Fontana Downtown Core Project - San Bernardino-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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0926	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		0.8528	0.8528		0.7920	0.7920	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

Fontana Downtown Core Project - San Bernardino-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 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	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.7974	26,779.7974	0.6926	3.9573	27,976.3981
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.7349	65,196.7349	1.7426	1.7685	65,767.3150
Total	28.3624	69.2528	241.8884	0.8947	88.6372	0.7611	89.3982	23.7099	0.7139	24.4237		91,976.5323	91,976.5323	2.4352	5.7258	93,743.7131

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	1.5158	51.5718	21.1199	0.2497	8.9182	0.3684	9.2866	2.5680	0.3524	2.9205		26,779.7974	26,779.7974	0.6926	3.9573	27,976.3981
Worker	26.8466	17.6810	220.7685	0.6450	79.7190	0.3926	80.1116	21.1419	0.3614	21.5033		65,196.7349	65,196.7349	1.7426	1.7685	65,767.3150
Total	28.3624	69.2528	241.8884	0.8947	88.6372	0.7611	89.3982	23.7099	0.7139	24.4237		91,976.5323	91,976.5323	2.4352	5.7258	93,743.7131

Fontana Downtown Core Project - San Bernardino-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 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	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.3862	26,411.3862	0.6714	3.9022	27,591.0282
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.2713	63,308.2713	1.5797	1.6389	63,836.1405
Total	26.4693	67.7069	226.2441	0.8726	88.6371	0.7393	89.3764	23.7098	0.6936	24.4034		89,719.6575	89,719.6575	2.2510	5.5411	91,427.1687

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	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	1.4779	52.0244	20.7738	0.2463	8.9181	0.3627	9.2808	2.5680	0.3470	2.9149		26,411.3862	26,411.3862	0.6714	3.9022	27,591.0282
Worker	24.9914	15.6825	205.4703	0.6263	79.7190	0.3766	80.0955	21.1419	0.3466	21.4884		63,308.2713	63,308.2713	1.5797	1.6389	63,836.1405
Total	26.4693	67.7069	226.2441	0.8726	88.6371	0.7393	89.3764	23.7098	0.6936	24.4034		89,719.6575	89,719.6575	2.2510	5.5411	91,427.1687

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.51 57	25,898.51 57	0.6519	3.8242	27,054.42 11
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.24 68	61,152.24 68	1.4243	1.5251	61,642.33 94
Total	24.7500	65.7033	211.0317	0.8465	88.6370	0.7195	89.3565	23.7098	0.6754	24.3851		87,050.76 24	87,050.76 24	2.0762	5.3493	88,696.76 05

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4471	51.7171	20.4520	0.2415	8.9180	0.3622	9.2802	2.5679	0.3464	2.9144		25,898.51 57	25,898.51 57	0.6519	3.8242	27,054.42 11
Worker	23.3029	13.9862	190.5797	0.6050	79.7190	0.3574	80.0763	21.1419	0.3289	21.4708		61,152.24 68	61,152.24 68	1.4243	1.5251	61,642.33 94
Total	24.7500	65.7033	211.0317	0.8465	88.6370	0.7195	89.3565	23.7098	0.6754	24.3851		87,050.76 24	87,050.76 24	2.0762	5.3493	88,696.76 05

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.31 66	25,384.31 66	0.6318	3.7459	26,516.38 54
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.29 59	59,231.29 59	1.2912	1.4315	59,690.17 10
Total	23.2594	63.9392	198.3374	0.8228	88.6369	0.6985	89.3353	23.7098	0.6558	24.3656		84,615.61 25	84,615.61 25	1.9231	5.1774	86,206.55 65

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4196	51.3386	20.1830	0.2368	8.9179	0.3600	9.2779	2.5679	0.3444	2.9123		25,384.31 66	25,384.31 66	0.6318	3.7459	26,516.38 54
Worker	21.8398	12.6006	178.1544	0.5860	79.7190	0.3385	80.0574	21.1419	0.3115	21.4533		59,231.29 59	59,231.29 59	1.2912	1.4315	59,690.17 10
Total	23.2594	63.9392	198.3374	0.8228	88.6369	0.6985	89.3353	23.7098	0.6558	24.3656		84,615.61 25	84,615.61 25	1.9231	5.1774	86,206.55 65

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.99 15	24,847.99 15	0.6107	3.6651	25,955.45 59
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.23 20	57,502.23 20	1.1761	1.3530	57,934.82 36
Total	21.8888	62.3882	187.4622	0.8007	88.6368	0.6754	89.3122	23.7097	0.6345	24.3442		82,350.22 35	82,350.22 35	1.7868	5.0181	83,890.27 95

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3959	50.9571	19.9523	0.2318	8.9178	0.3575	9.2753	2.5679	0.3420	2.9098		24,847.99 15	24,847.99 15	0.6107	3.6651	25,955.45 59
Worker	20.4929	11.4311	167.5099	0.5689	79.7190	0.3179	80.0369	21.1419	0.2925	21.4344		57,502.23 20	57,502.23 20	1.1761	1.3530	57,934.82 36
Total	21.8888	62.3882	187.4622	0.8007	88.6368	0.6754	89.3122	23.7097	0.6345	24.3442		82,350.22 35	82,350.22 35	1.7868	5.0181	83,890.27 95

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.65 64	24,335.65 64	0.5937	3.5870	25,419.41 87
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.70 24	55,964.70 24	1.0773	1.2875	56,375.29 70
Total	20.6201	61.1143	178.3797	0.7807	88.6367	0.6522	89.2889	23.7097	0.6130	24.3227		80,300.35 88	80,300.35 88	1.6710	4.8744	81,794.71 57

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3769	50.6648	19.7702	0.2271	8.9178	0.3555	9.2732	2.5678	0.3400	2.9079		24,335.65 64	24,335.65 64	0.5937	3.5870	25,419.41 87
Worker	19.2432	10.4495	158.6095	0.5537	79.7190	0.2967	80.0157	21.1419	0.2730	21.4149		55,964.70 24	55,964.70 24	1.0773	1.2875	56,375.29 70
Total	20.6201	61.1143	178.3797	0.7807	88.6367	0.6522	89.2889	23.7097	0.6130	24.3227		80,300.35 88	80,300.35 88	1.6710	4.8744	81,794.71 57

Fontana Downtown Core Project - San Bernardino-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 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		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.80 35	23,855.80 35	0.5765	3.5138	24,917.31 71
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.89 26	54,596.89 26	0.9903	1.2318	54,988.72 54
Total	19.3998	60.0048	170.4473	0.7628	88.6366	0.6303	89.2669	23.7097	0.5928	24.3025		78,452.69 61	78,452.69 61	1.5668	4.7456	79,906.04 25

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3600	50.4004	19.6103	0.2226	8.9177	0.3535	9.2712	2.5678	0.3382	2.9060		23,855.80 35	23,855.80 35	0.5765	3.5138	24,917.31 71
Worker	18.0398	9.6044	150.8370	0.5401	79.7190	0.2768	79.9957	21.1419	0.2547	21.3965		54,596.89 26	54,596.89 26	0.9903	1.2318	54,988.72 54
Total	19.3998	60.0048	170.4473	0.7628	88.6366	0.6303	89.2669	23.7097	0.5928	24.3025		78,452.69 61	78,452.69 61	1.5668	4.7456	79,906.04 25

Fontana Downtown Core Project - San Bernardino-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 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	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.9516	23,408.9516	0.5605	3.4455	24,449.7348
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.1950	53,384.1950	0.9139	1.1848	53,760.1078
Total	18.2602	59.0437	163.7013	0.7467	88.6366	0.6101	89.2467	23.7097	0.5742	24.2838		76,793.1467	76,793.1467	1.4744	4.6303	78,209.8426

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3467	50.1628	19.4861	0.2185	8.9176	0.3518	9.2694	2.5678	0.3365	2.9043		23,408.9516	23,408.9516	0.5605	3.4455	24,449.7348
Worker	16.9135	8.8809	144.2152	0.5281	79.7190	0.2583	79.9772	21.1419	0.2377	21.3795		53,384.1950	53,384.1950	0.9139	1.1848	53,760.1078
Total	18.2602	59.0437	163.7013	0.7467	88.6366	0.6101	89.2467	23.7097	0.5742	24.2838		76,793.1467	76,793.1467	1.4744	4.6303	78,209.8426

Fontana Downtown Core Project - San Bernardino-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 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	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.9759	23,005.9759	0.5464	3.3834	24,027.8812
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.9654	52,360.9654	0.8480	1.1449	52,723.3473
Total	17.1507	58.3670	158.6111	0.7328	88.6365	0.5868	89.2234	23.7096	0.5525	24.2621		75,366.9413	75,366.9413	1.3944	4.5283	76,751.2285

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3362	50.1228	19.4311	0.2148	8.9176	0.3438	9.2614	2.5678	0.3289	2.8967		23,005.9759	23,005.9759	0.5464	3.3834	24,027.8812
Worker	15.8144	8.2442	139.1800	0.5180	79.7190	0.2430	79.9619	21.1419	0.2236	21.3654		52,360.9654	52,360.9654	0.8480	1.1449	52,723.3473
Total	17.1507	58.3670	158.6111	0.7328	88.6365	0.5868	89.2234	23.7096	0.5525	24.2621		75,366.9413	75,366.9413	1.3944	4.5283	76,751.2285

Fontana Downtown Core Project - San Bernardino-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 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	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.9717	22,651.9717	0.5332	3.3289	23,657.3268
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.5061	51,412.5061	0.7884	1.1113	51,763.3868
Total	16.1569	57.6605	153.5278	0.7202	88.6365	0.5701	89.2065	23.7096	0.5370	24.2466		74,064.4778	74,064.4778	1.3216	4.4403	75,420.7136

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3297	49.9493	19.3918	0.2116	8.9175	0.3426	9.2602	2.5678	0.3278	2.8955		22,651.9717	22,651.9717	0.5332	3.3289	23,657.3268
Worker	14.8272	7.7112	134.1359	0.5086	79.7190	0.2274	79.9464	21.1419	0.2093	21.3511		51,412.5061	51,412.5061	0.7884	1.1113	51,763.3868
Total	16.1569	57.6605	153.5278	0.7202	88.6365	0.5701	89.2065	23.7096	0.5370	24.2466		74,064.4778	74,064.4778	1.3216	4.4403	75,420.7136

Fontana Downtown Core Project - San Bernardino-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 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	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.7621	22,341.7621	0.5218	3.2814	23,332.6697
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.0222	50,578.0222	0.7363	1.0836	50,919.3534
Total	15.2762	57.0812	149.1818	0.7091	88.6364	0.5549	89.1913	23.7096	0.5231	24.2326		72,919.7843	72,919.7843	1.2581	4.3651	74,252.0231

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3257	49.8102	19.3796	0.2087	8.9175	0.3416	9.2590	2.5677	0.3267	2.8945		22,341.7621	22,341.7621	0.5218	3.2814	23,332.6697
Worker	13.9505	7.2710	129.8022	0.5004	79.7190	0.2134	79.9323	21.1419	0.1963	21.3382		50,578.0222	50,578.0222	0.7363	1.0836	50,919.3534
Total	15.2762	57.0812	149.1818	0.7091	88.6364	0.5549	89.1913	23.7096	0.5231	24.2326		72,919.7843	72,919.7843	1.2581	4.3651	74,252.0231

Fontana Downtown Core Project - San Bernardino-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 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	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.4735	22,062.4735	0.5117	3.2385	23,040.3499
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.1260	49,844.1260	0.6895	1.0606	50,177.4237
Total	14.4892	56.5637	145.2957	0.6993	88.6364	0.5406	89.1770	23.7096	0.5098	24.2194		71,906.5995	71,906.5995	1.2012	4.2992	73,217.7736

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3227	49.6589	19.3757	0.2062	8.9174	0.3402	9.2576	2.5677	0.3254	2.8932		22,062.4735	22,062.4735	0.5117	3.2385	23,040.3499
Worker	13.1665	6.9048	125.9200	0.4931	79.7190	0.2004	79.9193	21.1419	0.1844	21.3263		49,844.1260	49,844.1260	0.6895	1.0606	50,177.4237
Total	14.4892	56.5637	145.2957	0.6993	88.6364	0.5406	89.1770	23.7096	0.5098	24.2194		71,906.5995	71,906.5995	1.2012	4.2992	73,217.7736

Fontana Downtown Core Project - San Bernardino-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 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	1.3197	49.5133	19.3737	0.2039	8.9174	0.3388	9.2562	2.5677	0.3241	2.8918		21,814.7471	21,814.7471	0.5025	3.2005	22,781.0633
Worker	12.4774	6.6221	122.6394	0.4868	79.7190	0.1888	79.9078	21.1419	0.1738	21.3156		49,204.8685	49,204.8685	0.6491	1.0426	49,531.7831
Total	13.7971	56.1353	142.0131	0.6907	88.6363	0.5276	89.1640	23.7096	0.4979	24.2074		71,019.6156	71,019.6156	1.1516	4.2431	72,312.8463

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.81 72	20,975.81 72	0.4648	3.0737	21,903.39 23
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.36 35	47,118.36 35	0.5111	0.9900	47,426.17 23
Total	11.2552	54.9375	131.1586	0.6625	88.6363	0.4849	89.1212	23.7095	0.4585	24.1680		68,094.18 07	68,094.18 07	0.9759	4.0637	69,329.56 46

Fontana Downtown Core Project - San Bernardino-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 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3177	49.1823	19.4000	0.1963	8.9173	0.3359	9.2532	2.5677	0.3213	2.8890		20,975.81 72	20,975.81 72	0.4648	3.0737	21,903.39 23
Worker	9.9375	5.7552	111.7586	0.4661	79.7190	0.1490	79.8680	21.1419	0.1371	21.2790		47,118.36 35	47,118.36 35	0.5111	0.9900	47,426.17 23
Total	11.2552	54.9375	131.1586	0.6625	88.6363	0.4849	89.1212	23.7095	0.4585	24.1680		68,094.18 07	68,094.18 07	0.9759	4.0637	69,329.56 46

Fontana Downtown Core Project - San Bernardino-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 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	18.0608					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	18.2524	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	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744
Total	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2524	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	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744
Total	5.3678	3.5352	44.1413	0.1290	15.9393	0.0785	16.0178	4.2272	0.0723	4.2995		13,035.6904	13,035.6904	0.3484	0.3536	13,149.7744

Fontana Downtown Core Project - San Bernardino-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 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	18.0608					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	18.2415	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	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478
Total	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					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	18.2415	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	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478
Total	4.9969	3.1356	41.0825	0.1252	15.9393	0.0753	16.0146	4.2272	0.0693	4.2965		12,658.1036	12,658.1036	0.3158	0.3277	12,763.6478

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107
Total	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107
Total	4.6593	2.7965	38.1052	0.1210	15.9393	0.0715	16.0108	4.2272	0.0658	4.2930		12,227.0196	12,227.0196	0.2848	0.3049	12,325.0107

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865
Total	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865
Total	4.3667	2.5194	35.6209	0.1172	15.9393	0.0677	16.0070	4.2272	0.0623	4.2895		11,842.9372	11,842.9372	0.2582	0.2862	11,934.6865

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54
Total	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54
Total	4.0974	2.2856	33.4926	0.1138	15.9393	0.0636	16.0029	4.2272	0.0585	4.2857		11,497.22 14	11,497.22 14	0.2352	0.2705	11,583.71 54

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76
Total	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76
Total	3.8476	2.0893	31.7130	0.1107	15.9393	0.0593	15.9986	4.2272	0.0546	4.2818		11,189.80 17	11,189.80 17	0.2154	0.2574	11,271.89 76

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610
Total	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2316	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610
Total	3.6070	1.9203	30.1589	0.1080	15.9393	0.0553	15.9947	4.2272	0.0509	4.2781		10,916.3164	10,916.3164	0.1980	0.2463	10,994.6610

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64
Total	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64
Total	3.3818	1.7757	28.8350	0.1056	15.9393	0.0516	15.9910	4.2272	0.0475	4.2747		10,673.84 49	10,673.84 49	0.1827	0.2369	10,749.00 64

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125
Total	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125
Total	3.1620	1.6484	27.8282	0.1036	15.9393	0.0486	15.9879	4.2272	0.0447	4.2719		10,469.2564	10,469.2564	0.1696	0.2289	10,541.7125

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742
Total	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742
Total	2.9646	1.5418	26.8197	0.1017	15.9393	0.0455	15.9848	4.2272	0.0418	4.2690		10,279.6177	10,279.6177	0.1576	0.2222	10,349.7742

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149
Total	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149
Total	2.7893	1.4538	25.9532	0.1000	15.9393	0.0427	15.9820	4.2272	0.0393	4.2664		10,112.7678	10,112.7678	0.1472	0.2167	10,181.0149

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
Total	18.1915	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705
Total	2.6326	1.3806	25.1769	0.0986	15.9393	0.0401	15.9794	4.2272	0.0369	4.2641		9,966.0297	9,966.0297	0.1379	0.2121	10,032.6705

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 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					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	18.1786	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786
Total	2.4948	1.3241	24.5210	0.0973	15.9393	0.0378	15.9771	4.2272	0.0347	4.2619		9,838.2140	9,838.2140	0.1298	0.2085	9,903.5786

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746
Total	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746

Fontana Downtown Core Project - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.0608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	18.1757	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746
Total	1.9869	1.1507	22.3455	0.0932	15.9393	0.0298	15.9691	4.2272	0.0274	4.2546		9,421.0301	9,421.0301	0.1022	0.1980	9,482.5746

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

Fontana Downtown Core Project - San Bernardino-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 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	7.2829	1.0868	8.3697	3.7430	0.9999	4.7428	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

Fontana Downtown Core Project - San Bernardino-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 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

Fontana Downtown Core Project - San Bernardino-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 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

Fontana Downtown Core Project - San Bernardino-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 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

Fontana Downtown Core Project - San Bernardino-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 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	3.4099	1.1309	4.5408	1.3537	1.0404	2.3941	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

Fontana Downtown Core Project - San Bernardino-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	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.571	215,555.571	14.0908	12.9367	219,762.9731
Unmitigated	121.9926	148.0461	1,050.3779	2.1126	298.8465	1.2598	300.1063	79.6563	1.1807	80.8369		215,555.571	215,555.571	14.0908	12.9367	219,762.9731

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	105,166.35	0.00	0.00	101,211,044	101,211,044
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	105,166.35	0.00	0.00	101,211,044	101,211,044

4.3 Trip Type Information

Fontana Downtown Core Project - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - San Bernardino-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					
NaturalGas Mitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263
NaturalGas Unmitigated	4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24508.8	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70728.8	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1902.96	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1515.29	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29139.4	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5726.73	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7723.41	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	110.408	1.1907	10.1748	4.3297	0.0650		0.8227	0.8227		0.8227	0.8227		12,989.1508	12,989.1508	0.2490	0.2381	13,066.3388
Apartments Mid Rise	130.228	1.4044	12.0014	5.1070	0.0766		0.9703	0.9703		0.9703	0.9703		15,320.8934	15,320.8934	0.2937	0.2809	15,411.9378
Apartments Mid Rise	24.5088	0.2643	2.2587	0.9611	0.0144		0.1826	0.1826		0.1826	0.1826		2,883.3875	2,883.3875	0.0553	0.0529	2,900.5220
Apartments Mid Rise	70.7288	0.7628	6.5181	2.7737	0.0416		0.5270	0.5270		0.5270	0.5270		8,321.0299	8,321.0299	0.1595	0.1526	8,370.4776
Government (Civic Center)	1.90296	0.0205	0.1866	0.1567	1.1200e-003		0.0142	0.0142		0.0142	0.0142		223.8781	223.8781	4.2900e-003	4.1000e-003	225.2085
Regional Shopping Center	1.51529	0.0163	0.1486	0.1248	8.9000e-004		0.0113	0.0113		0.0113	0.0113		178.2699	178.2699	3.4200e-003	3.2700e-003	179.3292
Single Family Housing	29.1394	0.3143	2.6854	1.1427	0.0171		0.2171	0.2171		0.2171	0.2171		3,428.1674	3,428.1674	0.0657	0.0629	3,448.5393
Strip Mall	5.72673	0.0618	0.5614	0.4716	3.3700e-003		0.0427	0.0427		0.0427	0.0427		673.7333	673.7333	0.0129	0.0124	677.7369
Strip Mall	7.72341	0.0833	0.7572	0.6361	4.5400e-003		0.0576	0.0576		0.0576	0.0576		908.6365	908.6365	0.0174	0.0167	914.0361
Total		4.1183	35.2922	15.7034	0.2246		2.8454	2.8454		2.8454	2.8454		44,927.1468	44,927.1468	0.8611	0.8237	45,194.1263

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - San Bernardino-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	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020
Unmitigated	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

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	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.7032	1,322.7032	1.2600		1,354.2020
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.7032	1,322.7032	1.2600	0.0000	1,354.2020

Fontana Downtown Core Project - San Bernardino-South Coast County, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	22.5933					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	235.3468					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	21.8896	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728		1,322.703 2	1,322.703 2	1.2600		1,354.202 0
Total	279.8297	8.4405	731.3081	0.0388		4.0728	4.0728		4.0728	4.0728	0.0000	1,322.703 2	1,322.703 2	1.2600	0.0000	1,354.202 0

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - San Bernardino-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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

**Fontana Downtown Core Project - Reduced Growth Alternative
San Bernardino-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)	59.36	1000sqft	4.65	59,362.10	0
Apartments Mid Rise	968.85	Dwelling Unit	84.59	968,847.80	2771
Apartments Mid Rise	821.40	Dwelling Unit	84.70	821,395.30	2349
Apartments Mid Rise	526.20	Dwelling Unit	14.58	526,197.20	1505
Apartments Mid Rise	182.34	Dwelling Unit	7.83	182,336.90	521
Single Family Housing	110.22	Dwelling Unit	73.30	198,401.22	315
Regional Shopping Center	31.31	1000sqft	5.77	31,314.90	0
Strip Mall	118.35	1000sqft	21.81	118,348.70	0
Strip Mall	159.61	1000sqft	29.42	159,611.10	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions. Total: 2,609 DUs; 334,499 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2. Lot acreage same as project.

Construction Phase - Construction schedule simplified for the purposes of modeling. Assumed same for this alternative as for proposed project.

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

Trips and VMT -

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day (same trip rate as for PP). Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	2,123.97	0.00
tblFireplaces	NumberGas	93.69	0.00
tblFireplaces	NumberNoFireplace	249.88	0.00
tblFireplaces	NumberNoFireplace	11.02	0.00
tblFireplaces	NumberWood	124.94	0.00
tblFireplaces	NumberWood	5.51	0.00
tblLandUse	LandUseSquareFeet	59,360.00	59,362.10
tblLandUse	LandUseSquareFeet	182,340.00	182,336.90
tblLandUse	LandUseSquareFeet	526,200.00	526,197.20
tblLandUse	LandUseSquareFeet	821,400.00	821,395.30
tblLandUse	LandUseSquareFeet	968,850.00	968,847.80
tblLandUse	LandUseSquareFeet	198,396.00	198,401.22
tblLandUse	LandUseSquareFeet	31,310.00	31,314.90
tblLandUse	LandUseSquareFeet	118,350.00	118,348.70

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

tblLandUse	LandUseSquareFeet	159,610.00	159,611.10
tblLandUse	LotAcreage	1.36	4.65
tblLandUse	LotAcreage	4.80	7.83
tblLandUse	LotAcreage	13.85	14.58
tblLandUse	LotAcreage	21.62	84.70
tblLandUse	LotAcreage	25.50	84.59
tblLandUse	LotAcreage	35.79	73.30
tblLandUse	LotAcreage	0.72	5.77
tblLandUse	LotAcreage	2.72	21.81
tblLandUse	LotAcreage	3.66	29.42
tblTripsAndVMT	WorkerTripNumber	1,957.00	1,996.00
tblTripsAndVMT	WorkerTripNumber	391.00	399.00
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	162,806,227.68	162,805,576.14

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

tblWater	OutdoorWaterUseRate	102,638,708.76	102,638,298.00
tblWoodstoves	NumberCatalytic	124.94	0.00
tblWoodstoves	NumberCatalytic	5.51	0.00
tblWoodstoves	NumberNoncatalytic	124.94	0.00
tblWoodstoves	NumberNoncatalytic	5.51	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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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
Year	tons/yr										MT/yr					
2023	1.1215	3.6363	7.8629	0.0229	1.8566	0.1294	1.9860	0.4963	0.1212	0.6175	0.0000	2,097.1226	2,097.1226	0.1439	0.0932	2,128.4795
2024	2.1637	7.0365	15.1227	0.0451	3.7417	0.2423	3.9841	1.0002	0.2268	1.2270	0.0000	4,138.4856	4,138.4856	0.2822	0.1807	4,199.4013
2025	2.1017	7.3471	14.1922	0.0439	7.1160	0.2440	7.3600	2.3378	0.2269	2.5647	0.0000	4,030.0166	4,030.0166	0.2948	0.1732	4,088.9928
2026	2.0953	7.6311	14.6531	0.0459	5.5067	0.2495	5.7563	1.5368	0.2319	1.7687	0.0000	4,199.3182	4,199.3182	0.3738	0.1671	4,258.4542
2027	2.0386	7.5645	14.1526	0.0450	5.5067	0.2485	5.7553	1.5368	0.2310	1.7678	0.0000	4,113.1193	4,113.1193	0.3685	0.1615	4,170.4581
2028	1.8039	5.7860	12.6434	0.0405	4.9577	0.1842	5.1419	1.2404	0.1719	1.4122	0.0000	3,715.0676	3,715.0676	0.2649	0.1559	3,768.1362
2029	1.6756	4.9342	11.8215	0.0382	3.7274	0.1536	3.8810	0.9964	0.1437	1.1401	0.0000	3,511.0309	3,511.0309	0.2143	0.1520	3,561.6867
2030	1.4954	3.1552	9.6082	0.0350	3.7063	0.0451	3.7514	0.9908	0.0437	1.0345	0.0000	3,219.2815	3,219.2815	0.0684	0.1478	3,265.0350
2031	1.4477	3.1104	9.3435	0.0344	3.7060	0.0435	3.7495	0.9907	0.0422	1.0329	0.0000	3,161.1827	3,161.1827	0.0651	0.1444	3,205.8305
2032	1.4129	3.0920	9.1457	0.0340	3.7202	0.0430	3.7631	0.9945	0.0417	1.0362	0.0000	3,124.4647	3,124.4647	0.0626	0.1420	3,168.3316
2033	1.3667	3.0436	8.8775	0.0333	3.6918	0.0420	3.7338	0.9869	0.0408	1.0277	0.0000	3,058.0175	3,058.0175	0.0597	0.1384	3,100.7448
2034	1.3349	3.0218	8.7000	0.0329	3.6918	0.0414	3.7332	0.9869	0.0402	1.0271	0.0000	3,020.3699	3,020.3699	0.0575	0.1362	3,062.3952
2035	1.2982	2.9018	8.5772	0.0327	3.7060	0.0321	3.7381	0.9907	0.0310	1.0217	0.0000	2,998.9393	2,998.9393	0.0547	0.1349	3,040.5040
2036	1.3032	2.9130	8.6101	0.0328	3.7202	0.0322	3.7524	0.9945	0.0311	1.0256	0.0000	3,010.4295	3,010.4295	0.0549	0.1354	3,052.1534
2037	1.2982	2.9018	8.5772	0.0327	3.7060	0.0321	3.7381	0.9907	0.0310	1.0217	0.0000	2,998.9393	2,998.9393	0.0547	0.1349	3,040.5040
2038	1.2982	2.9018	8.5772	0.0327	3.7060	0.0321	3.7381	0.9907	0.0310	1.0217	0.0000	2,998.9393	2,998.9393	0.0547	0.1349	3,040.5040
2039	1.2933	2.8907	8.5444	0.0325	3.6918	0.0320	3.7238	0.9869	0.0309	1.0178	0.0000	2,987.4491	2,987.4491	0.0545	0.1344	3,028.8545
2040	1.1924	2.8114	8.0786	0.0315	3.7060	0.0278	3.7337	0.9907	0.0268	1.0175	0.0000	2,890.1934	2,890.1934	0.0476	0.1291	2,929.8463
Maximum	2.1637	7.6311	15.1227	0.0459	7.1160	0.2495	7.3600	2.3378	0.2319	2.5647	0.0000	4,199.3182	4,199.3182	0.3738	0.1807	4,258.4542

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

2.1 Overall Construction

Mitigated Construction

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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
Year	tons/yr										MT/yr					
2023	0.9126	1.5039	8.1797	0.0229	1.8566	0.0214	1.8779	0.4963	0.0204	0.5167	0.0000	2,097.122 2	2,097.122 2	0.1439	0.0932	2,128.479 1
2024	1.7607	2.9527	15.7631	0.0451	3.7417	0.0422	3.7839	1.0002	0.0403	1.0405	0.0000	4,138.484 7	4,138.484 7	0.2822	0.1807	4,199.400 4
2025	1.6863	2.8638	14.7884	0.0439	4.9856	0.0415	5.0271	1.4941	0.0397	1.5338	0.0000	4,030.015 7	4,030.015 7	0.2948	0.1732	4,088.991 9
2026	1.6620	2.9469	15.7058	0.0459	4.3912	0.0455	4.4366	1.1978	0.0438	1.2416	0.0000	4,199.316 9	4,199.316 9	0.3738	0.1671	4,258.452 9
2027	1.6053	2.8803	15.2053	0.0450	4.3912	0.0445	4.4357	1.1978	0.0429	1.2407	0.0000	4,113.118 0	4,113.118 0	0.3685	0.1615	4,170.456 9
2028	1.5039	2.6314	13.3465	0.0405	4.1757	0.0377	4.2134	1.0848	0.0362	1.1209	0.0000	3,715.066 8	3,715.066 8	0.2649	0.1559	3,768.135 3
2029	1.4387	2.5045	12.3587	0.0382	3.7274	0.0341	3.7616	0.9964	0.0327	1.0291	0.0000	3,511.030 2	3,511.030 2	0.2143	0.1520	3,561.686 0
2030	1.3520	2.3047	9.7857	0.0350	3.7063	0.0284	3.7347	0.9908	0.0270	1.0178	0.0000	3,219.281 0	3,219.281 0	0.0684	0.1478	3,265.034 6
2031	1.3065	2.2716	9.5181	0.0344	3.7060	0.0274	3.7334	0.9907	0.0261	1.0168	0.0000	3,161.182 2	3,161.182 2	0.0651	0.1444	3,205.830 1
2032	1.2712	2.2500	9.3210	0.0340	3.7202	0.0268	3.7469	0.9945	0.0255	1.0200	0.0000	3,124.464 3	3,124.464 3	0.0626	0.1420	3,168.331 1
2033	1.2259	2.2080	9.0514	0.0333	3.6918	0.0259	3.7177	0.9869	0.0247	1.0116	0.0000	3,058.017 0	3,058.017 0	0.0597	0.1384	3,100.744 3
2034	1.1942	2.1863	8.8739	0.0329	3.6918	0.0253	3.7171	0.9869	0.0242	1.0110	0.0000	3,020.369 5	3,020.369 5	0.0575	0.1362	3,062.394 7
2035	1.1707	2.1768	8.7574	0.0327	3.7060	0.0249	3.7308	0.9907	0.0237	1.0144	0.0000	2,998.938 9	2,998.938 9	0.0547	0.1349	3,040.503 5
2036	1.1752	2.1852	8.7910	0.0328	3.7202	0.0250	3.7451	0.9945	0.0238	1.0183	0.0000	3,010.429 0	3,010.429 0	0.0549	0.1354	3,052.153 0
2037	1.1707	2.1768	8.7574	0.0327	3.7060	0.0249	3.7308	0.9907	0.0237	1.0144	0.0000	2,998.938 9	2,998.938 9	0.0547	0.1349	3,040.503 5
2038	1.1707	2.1768	8.7574	0.0327	3.7060	0.0249	3.7308	0.9907	0.0237	1.0144	0.0000	2,998.938 9	2,998.938 9	0.0547	0.1349	3,040.503 5
2039	1.1662	2.1685	8.7239	0.0325	3.6918	0.0248	3.7165	0.9869	0.0236	1.0105	0.0000	2,987.448 7	2,987.448 7	0.0545	0.1344	3,028.854 1
2040	1.0678	2.1258	8.2589	0.0315	3.7060	0.0230	3.7290	0.9907	0.0220	1.0127	0.0000	2,890.192 9	2,890.192 9	0.0476	0.1291	2,929.845 8
Maximum	1.7607	2.9527	15.7631	0.0459	4.9856	0.0455	5.0271	1.4941	0.0438	1.5338	0.0000	4,199.316 9	4,199.316 9	0.3738	0.1807	4,258.452 9

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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	14.06	44.56	-3.66	0.00	7.03	70.46	8.60	8.37	69.95	13.30	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	7-1-2023	9-30-2023	2.3998	1.2163
2	10-1-2023	12-31-2023	2.4191	1.2356
3	1-1-2024	3-31-2024	2.2963	1.1832
4	4-1-2024	6-30-2024	2.2767	1.1636
5	7-1-2024	9-30-2024	2.3017	1.1764
6	10-1-2024	12-31-2024	2.3215	1.1962
7	1-1-2025	3-31-2025	2.3192	1.1317
8	4-1-2025	6-30-2025	2.3484	1.1246
9	7-1-2025	9-30-2025	2.3742	1.1370
10	10-1-2025	12-31-2025	2.4156	1.1678
11	1-1-2026	3-31-2026	2.4092	1.1487
12	4-1-2026	6-30-2026	2.4159	1.1414
13	7-1-2026	9-30-2026	2.4425	1.1540
14	10-1-2026	12-31-2026	2.4627	1.1742
15	1-1-2027	3-31-2027	2.3786	1.1182
16	4-1-2027	6-30-2027	2.3849	1.1104
17	7-1-2027	9-30-2027	2.4111	1.1226
18	10-1-2027	12-31-2027	2.4315	1.1430
19	1-1-2028	3-31-2028	2.3780	1.1036
20	4-1-2028	6-30-2028	1.8769	1.0250
21	7-1-2028	9-30-2028	1.6815	1.0102
22	10-1-2028	12-31-2028	1.7021	1.0307
23	1-1-2029	3-31-2029	1.6406	0.9838

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24	4-1-2029	6-30-2029	1.6384	0.9743
25	7-1-2029	9-30-2029	1.6564	0.9850
26	10-1-2029	12-31-2029	1.6771	1.0057
27	1-1-2030	3-31-2030	1.1656	0.9142
28	4-1-2030	6-30-2030	1.1456	0.9015
29	7-1-2030	9-30-2030	1.1582	0.9114
30	10-1-2030	12-31-2030	1.1790	0.9322
31	1-1-2031	3-31-2031	1.1342	0.8928
32	4-1-2031	6-30-2031	1.1261	0.8820
33	7-1-2031	9-30-2031	1.1384	0.8917
34	10-1-2031	12-31-2031	1.1594	0.9127
35	1-1-2032	3-31-2032	1.1288	0.8847
36	4-1-2032	6-30-2032	1.1079	0.8638
37	7-1-2032	9-30-2032	1.1201	0.8733
38	10-1-2032	12-31-2032	1.1412	0.8945
39	1-1-2033	3-31-2033	1.1011	0.8597
40	4-1-2033	6-30-2033	1.0922	0.8481
41	7-1-2033	9-30-2033	1.1042	0.8574
42	10-1-2033	12-31-2033	1.1255	0.8788
43	1-1-2034	3-31-2034	1.0874	0.8460
44	4-1-2034	6-30-2034	1.0781	0.8340
45	7-1-2034	9-30-2034	1.0899	0.8432
46	10-1-2034	12-31-2034	1.1116	0.8649
47	1-1-2035	3-31-2035	1.0444	0.8344
48	4-1-2035	6-30-2035	1.0342	0.8219
49	7-1-2035	9-30-2035	1.0456	0.8310
50	10-1-2035	12-31-2035	1.0676	0.8529
51	1-1-2036	3-31-2036	1.0560	0.8437
52	4-1-2036	6-30-2036	1.0342	0.8219

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53	7-1-2036	9-30-2036	1.0456	0.8310
54	10-1-2036	12-31-2036	1.0676	0.8529
55	1-1-2037	3-31-2037	1.0444	0.8344
56	4-1-2037	6-30-2037	1.0342	0.8219
57	7-1-2037	9-30-2037	1.0456	0.8310
58	10-1-2037	12-31-2037	1.0676	0.8529
59	1-1-2038	3-31-2038	1.0444	0.8344
60	4-1-2038	6-30-2038	1.0342	0.8219
61	7-1-2038	9-30-2038	1.0456	0.8310
62	10-1-2038	12-31-2038	1.0676	0.8529
63	1-1-2039	3-31-2039	1.0444	0.8344
64	4-1-2039	6-30-2039	1.0342	0.8219
65	7-1-2039	9-30-2039	1.0456	0.8310
66	10-1-2039	12-31-2039	1.0676	0.8529
67	1-1-2040	3-31-2040	1.0056	0.8039
68	4-1-2040	6-30-2040	0.9824	0.7807
69	7-1-2040	9-30-2040	0.9932	0.7892
		Highest	2.4627	1.2356

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058
Energy	0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	4,804.5115	4,804.5115	0.2665	0.0664	4,830.9674
Mobile	4.5816	5.6650	41.3868	0.0815	11.1734	0.0479	11.2213	2.9828	0.0449	3.0276	0.0000	7,548.1995	7,548.1995	0.4916	0.4514	7,695.0014
Waste						0.0000	0.0000		0.0000	0.0000	394.1435	0.0000	394.1435	23.2932	0.0000	976.4738
Water						0.0000	0.0000		0.0000	0.0000	64.9380	725.7226	790.6606	6.7310	0.1649	1,008.0795
Total	17.6916	7.8172	68.9813	0.0947	11.1734	0.3459	11.5193	2.9828	0.3429	3.3257	459.0815	13,122.3930	13,581.4745	30.8242	0.6827	14,555.5279

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058
Energy	0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	4,804.5115	4,804.5115	0.2665	0.0664	4,830.9674
Mobile	4.5816	5.6650	41.3868	0.0815	11.1734	0.0479	11.2213	2.9828	0.0449	3.0276	0.0000	7,548.1995	7,548.1995	0.4916	0.4514	7,695.0014
Waste						0.0000	0.0000		0.0000	0.0000	394.1435	0.0000	394.1435	23.2932	0.0000	976.4738
Water						0.0000	0.0000		0.0000	0.0000	64.9380	725.7226	790.6606	6.7310	0.1649	1,008.0795
Total	17.6916	7.8172	68.9813	0.0947	11.1734	0.3459	11.5193	2.9828	0.3429	3.3257	459.0815	13,122.3930	13,581.4745	30.8242	0.6827	14,555.5279

	ROG	NOx	CO	SO2	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	Demolition	Demolition	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	

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4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240
5	Grading	Grading	12/13/2025	4/28/2028	5	620
6	Paving	Paving	4/29/2028	1/4/2030	5	440

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 5,461,786; Residential Outdoor: 1,820,595; Non-Residential Indoor: 552,955; Non-Residential Outdoor: 184,318; 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

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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	0.00	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	1,996.00	339.00	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	399.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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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 - 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	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954
Total	0.1475	1.3965	1.2768	2.5200e-003		0.0648	0.0648		0.0603	0.0603	0.0000	220.9484	220.9484	0.0619	0.0000	222.4954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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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 - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0301	0.1302	1.5132	2.5200e-003		4.0100e-003	4.0100e-003		4.0100e-003	4.0100e-003	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951
Total	0.0301	0.1302	1.5132	2.5200e-003		4.0100e-003	4.0100e-003		4.0100e-003	4.0100e-003	0.0000	220.9482	220.9482	0.0619	0.0000	222.4951

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191
Total	3.4000e-003	2.5300e-003	0.0316	9.0000e-005	0.0107	5.0000e-005	0.0107	2.8400e-003	5.0000e-005	2.8900e-003	0.0000	8.2461	8.2461	2.2000e-004	2.3000e-004	8.3191

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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					
Off-Road	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633
Total	0.2939	2.7350	2.5817	5.0900e-003		0.1258	0.1258		0.1169	0.1169	0.0000	445.3482	445.3482	0.1246	0.0000	448.4633

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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3.2 Demolition - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0606	0.2624	3.0497	5.0900e-003		8.0700e-003	8.0700e-003		8.0700e-003	8.0700e-003	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627
Total	0.0606	0.2624	3.0497	5.0900e-003		8.0700e-003	8.0700e-003		8.0700e-003	8.0700e-003	0.0000	445.3477	445.3477	0.1246	0.0000	448.4627

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729
Total	6.3600e-003	4.5300e-003	0.0593	1.8000e-004	0.0216	1.0000e-004	0.0217	5.7200e-003	1.0000e-004	5.8200e-003	0.0000	16.1368	16.1368	4.0000e-004	4.2000e-004	16.2729

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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					
Off-Road	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940
Total	8.3700e-003	0.0768	0.0777	1.6000e-004		3.4100e-003	3.4100e-003		3.1700e-003	3.1700e-003	0.0000	13.5991	13.5991	3.8000e-003	0.0000	13.6940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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3.2 Demolition - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8500e-003	8.0100e-003	0.0931	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940
Total	1.8500e-003	8.0100e-003	0.0931	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.5990	13.5990	3.8000e-003	0.0000	13.6940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798
Total	1.8000e-004	1.2000e-004	1.6800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4759	0.4759	1.0000e-005	1.0000e-005	0.4798

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3.3 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	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0249	0.8130	0.3291	3.9500e-003	0.1390	5.8200e-003	0.1448	0.0401	5.5700e-003	0.0457	0.0000	384.0326	384.0326	0.0100	0.0568	401.1949
Worker	0.4518	0.3372	4.2101	0.0120	1.4226	7.1400e-003	1.4297	0.3778	6.5700e-003	0.3844	0.0000	1,097.2802	1,097.2802	0.0292	0.0301	1,106.9924
Total	0.4767	1.1502	4.5392	0.0159	1.5615	0.0130	1.5745	0.4179	0.0121	0.4301	0.0000	1,481.3128	1,481.3128	0.0392	0.0869	1,508.1874

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

3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0213	0.1453	1.1349	1.7500e-003		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.0213	0.1453	1.1349	1.7500e-003		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0249	0.8130	0.3291	3.9500e-003	0.1390	5.8200e-003	0.1448	0.0401	5.5700e-003	0.0457	0.0000	384.0326	384.0326	0.0100	0.0568	401.1949
Worker	0.4518	0.3372	4.2101	0.0120	1.4226	7.1400e-003	1.4297	0.3778	6.5700e-003	0.3844	0.0000	1,097.2802	1,097.2802	0.0292	0.0301	1,106.9924
Total	0.4767	1.1502	4.5392	0.0159	1.5615	0.0130	1.5745	0.4179	0.0121	0.4301	0.0000	1,481.3128	1,481.3128	0.0392	0.0869	1,508.1874

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

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0489	1.6531	0.6524	7.8500e-003	0.2801	0.0115	0.2916	0.0808	0.0110	0.0919	0.0000	763.3175	763.3175	0.0195	0.1128	797.4151
Worker	0.8465	0.6026	7.8960	0.0234	2.8670	0.0138	2.8808	0.7614	0.0127	0.7742	0.0000	2,147.2736	2,147.2736	0.0533	0.0563	2,165.3787
Total	0.8954	2.2557	8.5484	0.0313	3.1471	0.0254	3.1724	0.8423	0.0238	0.8660	0.0000	2,910.5911	2,910.5911	0.0728	0.1691	2,962.7938

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

3.3 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0429	0.2928	2.2873	3.5300e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.0429	0.2928	2.2873	3.5300e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0489	1.6531	0.6524	7.8500e-003	0.2801	0.0115	0.2916	0.0808	0.0110	0.0919	0.0000	763.3175	763.3175	0.0195	0.1128	797.4151
Worker	0.8465	0.6026	7.8960	0.0234	2.8670	0.0138	2.8808	0.7614	0.0127	0.7742	0.0000	2,147.2736	2,147.2736	0.0533	0.0563	2,165.3787
Total	0.8954	2.2557	8.5484	0.0313	3.1471	0.0254	3.1724	0.8423	0.0238	0.8660	0.0000	2,910.5911	2,910.5911	0.0728	0.1691	2,962.7938

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

3.3 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0478	1.6368	0.6398	7.6600e-003	0.2790	0.0115	0.2905	0.0805	0.0110	0.0915	0.0000	745.6281	745.6281	0.0189	0.1101	778.9113
Worker	0.7851	0.5352	7.2950	0.0225	2.8561	0.0131	2.8691	0.7585	0.0120	0.7706	0.0000	2,066.1237	2,066.1237	0.0478	0.0522	2,082.8662
Total	0.8329	2.1720	7.9347	0.0302	3.1351	0.0245	3.1596	0.8391	0.0230	0.8621	0.0000	2,811.7518	2,811.7518	0.0667	0.1623	2,861.7775

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

3.3 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0478	1.6368	0.6398	7.6600e-003	0.2790	0.0115	0.2905	0.0805	0.0110	0.0915	0.0000	745.6281	745.6281	0.0189	0.1101	778.9113
Worker	0.7851	0.5352	7.2950	0.0225	2.8561	0.0131	2.8691	0.7585	0.0120	0.7706	0.0000	2,066.1237	2,066.1237	0.0478	0.0522	2,082.8662
Total	0.8329	2.1720	7.9347	0.0302	3.1351	0.0245	3.1596	0.8391	0.0230	0.8621	0.0000	2,811.7518	2,811.7518	0.0667	0.1623	2,861.7775

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

3.3 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0469	1.6246	0.6313	7.5100e-003	0.2790	0.0114	0.2904	0.0805	0.0109	0.0915	0.0000	730.8163	730.8163	0.0183	0.1079	763.4125
Worker	0.7347	0.4820	6.8190	0.0218	2.8561	0.0124	2.8684	0.7585	0.0114	0.7699	0.0000	2,001.1416	2,001.1416	0.0434	0.0490	2,016.8158
Total	0.7817	2.1066	7.4503	0.0293	3.1351	0.0238	3.1588	0.8391	0.0223	0.8614	0.0000	2,731.9579	2,731.9579	0.0617	0.1568	2,780.2283

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

3.3 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0469	1.6246	0.6313	7.5100e-003	0.2790	0.0114	0.2904	0.0805	0.0109	0.0915	0.0000	730.8163	730.8163	0.0183	0.1079	763.4125
Worker	0.7347	0.4820	6.8190	0.0218	2.8561	0.0124	2.8684	0.7585	0.0114	0.7699	0.0000	2,001.1416	2,001.1416	0.0434	0.0490	2,016.8158
Total	0.7817	2.1066	7.4503	0.0293	3.1351	0.0238	3.1588	0.8391	0.0223	0.8614	0.0000	2,731.9579	2,731.9579	0.0617	0.1568	2,780.2283

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

3.3 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.6122	0.6240	7.3600e-003	0.2790	0.0113	0.2903	0.0805	0.0109	0.0914	0.0000	715.3668	715.3668	0.0177	0.1055	747.2540
Worker	0.6885	0.4372	6.4114	0.0212	2.8561	0.0116	2.8677	0.7585	0.0107	0.7692	0.0000	1,942.6672	1,942.6672	0.0395	0.0463	1,957.4420
Total	0.7347	2.0494	7.0354	0.0286	3.1351	0.0230	3.1580	0.8391	0.0215	0.8606	0.0000	2,658.0340	2,658.0340	0.0572	0.1518	2,704.6960

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

3.3 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.6122	0.6240	7.3600e-003	0.2790	0.0113	0.2903	0.0805	0.0109	0.0914	0.0000	715.3668	715.3668	0.0177	0.1055	747.2540
Worker	0.6885	0.4372	6.4114	0.0212	2.8561	0.0116	2.8677	0.7585	0.0107	0.7692	0.0000	1,942.6672	1,942.6672	0.0395	0.0463	1,957.4420
Total	0.7347	2.0494	7.0354	0.0286	3.1351	0.0230	3.1580	0.8391	0.0215	0.8606	0.0000	2,658.0340	2,658.0340	0.0572	0.1518	2,704.6960

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

3.3 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.5966	0.6159	7.1800e-003	0.2779	0.0112	0.2892	0.0802	0.0107	0.0910	0.0000	697.9262	697.9262	0.0172	0.1029	729.0110
Worker	0.6433	0.3980	6.0474	0.0205	2.8451	0.0108	2.8559	0.7556	9.9300e-003	0.7656	0.0000	1,883.4385	1,883.4385	0.0360	0.0439	1,897.4071
Total	0.6888	1.9946	6.6633	0.0277	3.1230	0.0220	3.1451	0.8359	0.0207	0.8565	0.0000	2,581.3647	2,581.3647	0.0532	0.1467	2,626.4181

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

3.3 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0426	0.2905	2.2698	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.0426	0.2905	2.2698	3.5000e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.5966	0.6159	7.1800e-003	0.2779	0.0112	0.2892	0.0802	0.0107	0.0910	0.0000	697.9262	697.9262	0.0172	0.1029	729.0110
Worker	0.6433	0.3980	6.0474	0.0205	2.8451	0.0108	2.8559	0.7556	9.9300e-003	0.7656	0.0000	1,883.4385	1,883.4385	0.0360	0.0439	1,897.4071
Total	0.6888	1.9946	6.6633	0.0277	3.1230	0.0220	3.1451	0.8359	0.0207	0.8565	0.0000	2,581.3647	2,581.3647	0.0532	0.1467	2,626.4181

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

3.3 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0451	1.5942	0.6133	7.0700e-003	0.2790	0.0112	0.2902	0.0805	0.0107	0.0913	0.0000	686.7908	686.7908	0.0167	0.1012	717.3543
Worker	0.6048	0.3672	5.7732	0.0201	2.8561	0.0101	2.8662	0.7585	9.3000e-003	0.7678	0.0000	1,844.4480	1,844.4480	0.0332	0.0421	1,857.8287
Total	0.6500	1.9614	6.3865	0.0272	3.1350	0.0213	3.1564	0.8391	0.0200	0.8591	0.0000	2,531.2389	2,531.2389	0.0500	0.1433	2,575.1830

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

3.3 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.0428	0.2916	2.2786	3.5200e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0451	1.5942	0.6133	7.0700e-003	0.2790	0.0112	0.2902	0.0805	0.0107	0.0913	0.0000	686.7908	686.7908	0.0167	0.1012	717.3543
Worker	0.6048	0.3672	5.7732	0.0201	2.8561	0.0101	2.8662	0.7585	9.3000e-003	0.7678	0.0000	1,844.4480	1,844.4480	0.0332	0.0421	1,857.8287
Total	0.6500	1.9614	6.3865	0.0272	3.1350	0.0213	3.1564	0.8391	0.0200	0.8591	0.0000	2,531.2389	2,531.2389	0.0500	0.1433	2,575.1830

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

3.3 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0447	1.5865	0.6093	6.9300e-003	0.2790	0.0112	0.2902	0.0805	0.0107	0.0912	0.0000	673.9218	673.9218	0.0163	0.0992	703.8882
Worker	0.5667	0.3394	5.5200	0.0197	2.8561	9.4300e-003	2.8655	0.7585	8.6800e-003	0.7672	0.0000	1,803.4660	1,803.4660	0.0307	0.0405	1,816.3023
Total	0.6114	1.9259	6.1293	0.0266	3.1350	0.0206	3.1556	0.8391	0.0194	0.8584	0.0000	2,477.3878	2,477.3878	0.0469	0.1397	2,520.1905

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

3.3 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0447	1.5865	0.6093	6.9300e-003	0.2790	0.0112	0.2902	0.0805	0.0107	0.0912	0.0000	673.9218	673.9218	0.0163	0.0992	703.8882
Worker	0.5667	0.3394	5.5200	0.0197	2.8561	9.4300e-003	2.8655	0.7585	8.6800e-003	0.7672	0.0000	1,803.4660	1,803.4660	0.0307	0.0405	1,816.3023
Total	0.6114	1.9259	6.1293	0.0266	3.1350	0.0206	3.1556	0.8391	0.0194	0.8584	0.0000	2,477.3878	2,477.3878	0.0469	0.1397	2,520.1905

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

3.3 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0444	1.5852	0.6076	6.8200e-003	0.2790	0.0109	0.2899	0.0805	0.0104	0.0910	0.0000	662.3157	662.3157	0.0159	0.0974	691.7383
Worker	0.5295	0.3150	5.3277	0.0193	2.8561	8.8700e-003	2.8649	0.7585	8.1700e-003	0.7667	0.0000	1,768.9088	1,768.9088	0.0285	0.0391	1,781.2828
Total	0.5740	1.9002	5.9354	0.0261	3.1350	0.0198	3.1548	0.8391	0.0186	0.8577	0.0000	2,431.2246	2,431.2246	0.0443	0.1365	2,473.0211

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

3.3 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0444	1.5852	0.6076	6.8200e-003	0.2790	0.0109	0.2899	0.0805	0.0104	0.0910	0.0000	662.3157	662.3157	0.0159	0.0974	691.7383
Worker	0.5295	0.3150	5.3277	0.0193	2.8561	8.8700e-003	2.8649	0.7585	8.1700e-003	0.7667	0.0000	1,768.9088	1,768.9088	0.0285	0.0391	1,781.2828
Total	0.5740	1.9002	5.9354	0.0261	3.1350	0.0198	3.1548	0.8391	0.0186	0.8577	0.0000	2,431.2246	2,431.2246	0.0443	0.1365	2,473.0211

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0444	1.5855	0.6087	6.7400e-003	0.2801	0.0109	0.2910	0.0808	0.0104	0.0913	0.0000	654.6186	654.6186	0.0155	0.0962	683.6754
Worker	0.4981	0.2957	5.1546	0.0190	2.8670	8.3400e-003	2.8753	0.7614	7.6700e-003	0.7691	0.0000	1,743.5211	1,743.5211	0.0266	0.0381	1,755.5478
Total	0.5425	1.8812	5.7633	0.0258	3.1471	0.0193	3.1663	0.8423	0.0181	0.8604	0.0000	2,398.1397	2,398.1397	0.0421	0.1343	2,439.2232

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

3.3 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0429	0.2928	2.2873	4.0600e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.0429	0.2928	2.2873	4.0600e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0444	1.5855	0.6087	6.7400e-003	0.2801	0.0109	0.2910	0.0808	0.0104	0.0913	0.0000	654.6186	654.6186	0.0155	0.0962	683.6754
Worker	0.4981	0.2957	5.1546	0.0190	2.8670	8.3400e-003	2.8753	0.7614	7.6700e-003	0.7691	0.0000	1,743.5211	1,743.5211	0.0266	0.0381	1,755.5478
Total	0.5425	1.8812	5.7633	0.0258	3.1471	0.0193	3.1663	0.8423	0.0181	0.8604	0.0000	2,398.1397	2,398.1397	0.0421	0.1343	2,439.2232

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5689	0.6036	6.6000e-003	0.2779	0.0108	0.2887	0.0802	0.0103	0.0905	0.0000	640.7205	640.7205	0.0151	0.0941	669.1409
Worker	0.4648	0.2766	4.9502	0.0186	2.8451	7.7600e-003	2.8529	0.7556	7.1400e-003	0.7628	0.0000	1,702.1299	1,702.1299	0.0246	0.0369	1,713.7397
Total	0.5088	1.8455	5.5538	0.0252	3.1230	0.0186	3.1416	0.8358	0.0175	0.8533	0.0000	2,342.8504	2,342.8504	0.0397	0.1310	2,382.8806

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

3.3 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5689	0.6036	6.6000e-003	0.2779	0.0108	0.2887	0.0802	0.0103	0.0905	0.0000	640.7205	640.7205	0.0151	0.0941	669.1409
Worker	0.4648	0.2766	4.9502	0.0186	2.8451	7.7600e-003	2.8529	0.7556	7.1400e-003	0.7628	0.0000	1,702.1299	1,702.1299	0.0246	0.0369	1,713.7397
Total	0.5088	1.8455	5.5538	0.0252	3.1230	0.0186	3.1416	0.8358	0.0175	0.8533	0.0000	2,342.8504	2,342.8504	0.0397	0.1310	2,382.8806

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5639	0.6035	6.5200e-003	0.2779	0.0108	0.2887	0.0802	0.0103	0.0905	0.0000	632.7061	632.7061	0.0148	0.0929	660.7525
Worker	0.4384	0.2626	4.8024	0.0183	2.8451	7.2900e-003	2.8524	0.7556	6.7100e-003	0.7623	0.0000	1,677.4336	1,677.4336	0.0230	0.0361	1,688.7700
Total	0.4823	1.8265	5.4058	0.0248	3.1230	0.0180	3.1411	0.8358	0.0170	0.8528	0.0000	2,310.1397	2,310.1397	0.0378	0.1290	2,349.5224

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

3.3 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5639	0.6035	6.5200e-003	0.2779	0.0108	0.2887	0.0802	0.0103	0.0905	0.0000	632.7061	632.7061	0.0148	0.0929	660.7525
Worker	0.4384	0.2626	4.8024	0.0183	2.8451	7.2900e-003	2.8524	0.7556	6.7100e-003	0.7623	0.0000	1,677.4336	1,677.4336	0.0230	0.0361	1,688.7700
Total	0.4823	1.8265	5.4058	0.0248	3.1230	0.0180	3.1411	0.8358	0.0170	0.8528	0.0000	2,310.1397	2,310.1397	0.0378	0.1290	2,349.5224

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

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

3.3 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0441	1.5711	0.6080	6.5000e-003	0.2801	0.0108	0.2908	0.0808	0.0103	0.0912	0.0000	630.4095	630.4095	0.0147	0.0925	658.3373
Worker	0.4184	0.2538	4.7134	0.0182	2.8670	6.9200e-003	2.8739	0.7614	6.3700e-003	0.7678	0.0000	1,668.6597	1,668.6597	0.0219	0.0358	1,679.8644
Total	0.4625	1.8248	5.3214	0.0247	3.1470	0.0177	3.1648	0.8423	0.0167	0.8590	0.0000	2,299.0692	2,299.0692	0.0365	0.1283	2,338.2017

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

3.3 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0429	0.2928	2.2873	4.0600e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.0429	0.2928	2.2873	4.0600e-003		5.3400e-003	5.3400e-003		5.3400e-003	5.3400e-003	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0441	1.5711	0.6080	6.5000e-003	0.2801	0.0108	0.2908	0.0808	0.0103	0.0912	0.0000	630.4095	630.4095	0.0147	0.0925	658.3373
Worker	0.4184	0.2538	4.7134	0.0182	2.8670	6.9200e-003	2.8739	0.7614	6.3700e-003	0.7678	0.0000	1,668.6597	1,668.6597	0.0219	0.0358	1,679.8644
Total	0.4625	1.8248	5.3214	0.0247	3.1470	0.0177	3.1648	0.8423	0.0167	0.8590	0.0000	2,299.0692	2,299.0692	0.0365	0.1283	2,338.2017

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

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

3.3 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

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

3.3 Building Construction - 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

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

3.3 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0440	1.5651	0.6057	6.4700e-003	0.2790	0.0108	0.2897	0.0805	0.0103	0.0908	0.0000	628.0033	628.0033	0.0146	0.0921	655.8246
Worker	0.4168	0.2528	4.6954	0.0181	2.8561	6.9000e-003	2.8630	0.7585	6.3500e-003	0.7649	0.0000	1,662.2908	1,662.2908	0.0218	0.0356	1,673.4528
Total	0.4607	1.8179	5.3011	0.0246	3.1350	0.0177	3.1527	0.8391	0.0166	0.8557	0.0000	2,290.2941	2,290.2941	0.0364	0.1278	2,329.2773

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

3.3 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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.5591	0.6034	6.4500e-003	0.2779	0.0107	0.2886	0.0802	0.0102	0.0905	0.0000	625.5972	625.5972	0.0145	0.0918	653.3118
Worker	0.4152	0.2518	4.6774	0.0181	2.8451	6.8700e-003	2.8520	0.7556	6.3200e-003	0.7620	0.0000	1,655.9219	1,655.9219	0.0217	0.0355	1,667.0411
Total	0.4590	1.8109	5.2808	0.0245	3.1230	0.0176	3.1406	0.8358	0.0166	0.8524	0.0000	2,281.5190	2,281.5190	0.0362	0.1273	2,320.3529

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

3.3 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.0426	0.2905	2.2698	4.0200e-003		5.3000e-003	5.3000e-003		5.3000e-003	5.3000e-003	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.5591	0.6034	6.4500e-003	0.2779	0.0107	0.2886	0.0802	0.0102	0.0905	0.0000	625.5972	625.5972	0.0145	0.0918	653.3118
Worker	0.4152	0.2518	4.6774	0.0181	2.8451	6.8700e-003	2.8520	0.7556	6.3200e-003	0.7620	0.0000	1,655.9219	1,655.9219	0.0217	0.0355	1,667.0411
Total	0.4590	1.8109	5.2808	0.0245	3.1230	0.0176	3.1406	0.8358	0.0166	0.8524	0.0000	2,281.5190	2,281.5190	0.0362	0.1273	2,320.3529

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

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
Total	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5540	0.6065	6.2300e-003	0.2790	0.0107	0.2896	0.0805	0.0102	0.0907	0.0000	603.8332	603.8332	0.0135	0.0885	630.5383
Worker	0.3310	0.2195	4.2793	0.0174	2.8561	5.4400e-003	2.8615	0.7585	5.0100e-003	0.7635	0.0000	1,591.8050	1,591.8050	0.0171	0.0338	1,602.3145
Total	0.3750	1.7735	4.8858	0.0236	3.1350	0.0161	3.1511	0.8391	0.0152	0.8543	0.0000	2,195.6383	2,195.6383	0.0306	0.1223	2,232.8528

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

3.3 Building Construction - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
Total	0.0428	0.2916	2.2786	4.0400e-003		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0439	1.5540	0.6065	6.2300e-003	0.2790	0.0107	0.2896	0.0805	0.0102	0.0907	0.0000	603.8332	603.8332	0.0135	0.0885	630.5383
Worker	0.3310	0.2195	4.2793	0.0174	2.8561	5.4400e-003	2.8615	0.7585	5.0100e-003	0.7635	0.0000	1,591.8050	1,591.8050	0.0171	0.0338	1,602.3145
Total	0.3750	1.7735	4.8858	0.0236	3.1350	0.0161	3.1511	0.8391	0.0152	0.8543	0.0000	2,195.6383	2,195.6383	0.0306	0.1223	2,232.8528

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

3.4 Architectural Coating - 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	0.2889					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0125	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210
Total	0.3014	0.0847	0.1177	1.9000e-004		4.6000e-003	4.6000e-003		4.6000e-003	4.6000e-003	0.0000	16.5962	16.5962	9.9000e-004	0.0000	16.6210

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0903	0.0674	0.8416	2.3900e-003	0.2844	1.4300e-003	0.2858	0.0755	1.3100e-003	0.0768	0.0000	219.3461	219.3461	5.8300e-003	6.0300e-003	221.2876
Total	0.0903	0.0674	0.8416	2.3900e-003	0.2844	1.4300e-003	0.2858	0.0755	1.3100e-003	0.0768	0.0000	219.3461	219.3461	5.8300e-003	6.0300e-003	221.2876

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

3.4 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2889					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9300e-003	8.3700e-003	0.1191	1.9000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210
Total	0.2908	8.3700e-003	0.1191	1.9000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	16.5961	16.5961	9.9000e-004	0.0000	16.6210

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0903	0.0674	0.8416	2.3900e-003	0.2844	1.4300e-003	0.2858	0.0755	1.3100e-003	0.0768	0.0000	219.3461	219.3461	5.8300e-003	6.0300e-003	221.2876
Total	0.0903	0.0674	0.8416	2.3900e-003	0.2844	1.4300e-003	0.2858	0.0755	1.3100e-003	0.0768	0.0000	219.3461	219.3461	5.8300e-003	6.0300e-003	221.2876

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

3.4 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	0.6059	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1692	0.1205	1.5784	4.6800e-003	0.5731	2.7600e-003	0.5759	0.1522	2.5400e-003	0.1548	0.0000	429.2396	429.2396	0.0107	0.0113	432.8588
Total	0.1692	0.1205	1.5784	4.6800e-003	0.5731	2.7600e-003	0.5759	0.1522	2.5400e-003	0.1548	0.0000	429.2396	429.2396	0.0107	0.0113	432.8588

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

3.4 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	0.5861	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1692	0.1205	1.5784	4.6800e-003	0.5731	2.7600e-003	0.5759	0.1522	2.5400e-003	0.1548	0.0000	429.2396	429.2396	0.0107	0.0113	432.8588
Total	0.1692	0.1205	1.5784	4.6800e-003	0.5731	2.7600e-003	0.5759	0.1522	2.5400e-003	0.1548	0.0000	429.2396	429.2396	0.0107	0.0113	432.8588

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

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	0.6023	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1570	0.1070	1.4583	4.5000e-003	0.5709	2.6100e-003	0.5735	0.1516	2.4000e-003	0.1540	0.0000	413.0177	413.0177	9.5600e-003	0.0104	416.3645
Total	0.1570	0.1070	1.4583	4.5000e-003	0.5709	2.6100e-003	0.5735	0.1516	2.4000e-003	0.1540	0.0000	413.0177	413.0177	9.5600e-003	0.0104	416.3645

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3.4 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1570	0.1070	1.4583	4.5000e-003	0.5709	2.6100e-003	0.5735	0.1516	2.4000e-003	0.1540	0.0000	413.0177	413.0177	9.5600e-003	0.0104	416.3645
Total	0.1570	0.1070	1.4583	4.5000e-003	0.5709	2.6100e-003	0.5735	0.1516	2.4000e-003	0.1540	0.0000	413.0177	413.0177	9.5600e-003	0.0104	416.3645

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

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	0.6023	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1469	0.0964	1.3631	4.3600e-003	0.5709	2.4700e-003	0.5734	0.1516	2.2700e-003	0.1539	0.0000	400.0278	400.0278	8.6700e-003	9.7900e-003	403.1611
Total	0.1469	0.0964	1.3631	4.3600e-003	0.5709	2.4700e-003	0.5734	0.1516	2.2700e-003	0.1539	0.0000	400.0278	400.0278	8.6700e-003	9.7900e-003	403.1611

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

3.4 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1469	0.0964	1.3631	4.3600e-003	0.5709	2.4700e-003	0.5734	0.1516	2.2700e-003	0.1539	0.0000	400.0278	400.0278	8.6700e-003	9.7900e-003	403.1611
Total	0.1469	0.0964	1.3631	4.3600e-003	0.5709	2.4700e-003	0.5734	0.1516	2.2700e-003	0.1539	0.0000	400.0278	400.0278	8.6700e-003	9.7900e-003	403.1611

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

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	0.6023	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1376	0.0874	1.2816	4.2400e-003	0.5709	2.3200e-003	0.5733	0.1516	2.1400e-003	0.1538	0.0000	388.3388	388.3388	7.8900e-003	9.2500e-003	391.2923
Total	0.1376	0.0874	1.2816	4.2400e-003	0.5709	2.3200e-003	0.5733	0.1516	2.1400e-003	0.1538	0.0000	388.3388	388.3388	7.8900e-003	9.2500e-003	391.2923

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3.4 Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1376	0.0874	1.2816	4.2400e-003	0.5709	2.3200e-003	0.5733	0.1516	2.1400e-003	0.1538	0.0000	388.3388	388.3388	7.8900e-003	9.2500e-003	391.2923
Total	0.1376	0.0874	1.2816	4.2400e-003	0.5709	2.3200e-003	0.5733	0.1516	2.1400e-003	0.1538	0.0000	388.3388	388.3388	7.8900e-003	9.2500e-003	391.2923

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

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
Total	0.6000	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1286	0.0796	1.2089	4.1100e-003	0.5687	2.1600e-003	0.5709	0.1511	1.9900e-003	0.1530	0.0000	376.4990	376.4990	7.2000e-003	8.7700e-003	379.2913
Total	0.1286	0.0796	1.2089	4.1100e-003	0.5687	2.1600e-003	0.5709	0.1511	1.9900e-003	0.1530	0.0000	376.4990	376.4990	7.2000e-003	8.7700e-003	379.2913

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

3.4 Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
Total	0.5817	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1286	0.0796	1.2089	4.1100e-003	0.5687	2.1600e-003	0.5709	0.1511	1.9900e-003	0.1530	0.0000	376.4990	376.4990	7.2000e-003	8.7700e-003	379.2913
Total	0.1286	0.0796	1.2089	4.1100e-003	0.5687	2.1600e-003	0.5709	0.1511	1.9900e-003	0.1530	0.0000	376.4990	376.4990	7.2000e-003	8.7700e-003	379.2913

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

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	0.6023	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1209	0.0734	1.1541	4.0200e-003	0.5709	2.0200e-003	0.5729	0.1516	1.8600e-003	0.1535	0.0000	368.7048	368.7048	6.6400e-003	8.4200e-003	371.3796
Total	0.1209	0.0734	1.1541	4.0200e-003	0.5709	2.0200e-003	0.5729	0.1516	1.8600e-003	0.1535	0.0000	368.7048	368.7048	6.6400e-003	8.4200e-003	371.3796

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3.4 Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1209	0.0734	1.1541	4.0200e-003	0.5709	2.0200e-003	0.5729	0.1516	1.8600e-003	0.1535	0.0000	368.7048	368.7048	6.6400e-003	8.4200e-003	371.3796
Total	0.1209	0.0734	1.1541	4.0200e-003	0.5709	2.0200e-003	0.5729	0.1516	1.8600e-003	0.1535	0.0000	368.7048	368.7048	6.6400e-003	8.4200e-003	371.3796

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

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	0.5971	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1133	0.0679	1.1034	3.9300e-003	0.5709	1.8900e-003	0.5728	0.1516	1.7400e-003	0.1534	0.0000	360.5125	360.5125	6.1300e-003	8.1000e-003	363.0785
Total	0.1133	0.0679	1.1034	3.9300e-003	0.5709	1.8900e-003	0.5728	0.1516	1.7400e-003	0.1534	0.0000	360.5125	360.5125	6.1300e-003	8.1000e-003	363.0785

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

3.4 Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1133	0.0679	1.1034	3.9300e-003	0.5709	1.8900e-003	0.5728	0.1516	1.7400e-003	0.1534	0.0000	360.5125	360.5125	6.1300e-003	8.1000e-003	363.0785
Total	0.1133	0.0679	1.1034	3.9300e-003	0.5709	1.8900e-003	0.5728	0.1516	1.7400e-003	0.1534	0.0000	360.5125	360.5125	6.1300e-003	8.1000e-003	363.0785

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

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
Total	0.5971	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1059	0.0630	1.0650	3.8600e-003	0.5709	1.7700e-003	0.5727	0.1516	1.6300e-003	0.1533	0.0000	353.6045	353.6045	5.6900e-003	7.8200e-003	356.0781
Total	0.1059	0.0630	1.0650	3.8600e-003	0.5709	1.7700e-003	0.5727	0.1516	1.6300e-003	0.1533	0.0000	353.6045	353.6045	5.6900e-003	7.8200e-003	356.0781

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

3.4 Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1059	0.0630	1.0650	3.8600e-003	0.5709	1.7700e-003	0.5727	0.1516	1.6300e-003	0.1533	0.0000	353.6045	353.6045	5.6900e-003	7.8200e-003	356.0781
Total	0.1059	0.0630	1.0650	3.8600e-003	0.5709	1.7700e-003	0.5727	0.1516	1.6300e-003	0.1533	0.0000	353.6045	353.6045	5.6900e-003	7.8200e-003	356.0781

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

3.4 Architectural Coating - 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					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
Total	0.5994	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0996	0.0591	1.0304	3.8000e-003	0.5731	1.6700e-003	0.5748	0.1522	1.5300e-003	0.1538	0.0000	348.5295	348.5295	5.3100e-003	7.6200e-003	350.9337
Total	0.0996	0.0591	1.0304	3.8000e-003	0.5731	1.6700e-003	0.5748	0.1522	1.5300e-003	0.1538	0.0000	348.5295	348.5295	5.3100e-003	7.6200e-003	350.9337

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3.4 Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
Total	0.5861	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0996	0.0591	1.0304	3.8000e-003	0.5731	1.6700e-003	0.5748	0.1522	1.5300e-003	0.1538	0.0000	348.5295	348.5295	5.3100e-003	7.6200e-003	350.9337
Total	0.0996	0.0591	1.0304	3.8000e-003	0.5731	1.6700e-003	0.5748	0.1522	1.5300e-003	0.1538	0.0000	348.5295	348.5295	5.3100e-003	7.6200e-003	350.9337

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3.4 Architectural Coating - 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					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	0.5948	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0929	0.0553	0.9896	3.7100e-003	0.5687	1.5500e-003	0.5703	0.1511	1.4300e-003	0.1525	0.0000	340.2554	340.2554	4.9200e-003	7.3800e-003	342.5762
Total	0.0929	0.0553	0.9896	3.7100e-003	0.5687	1.5500e-003	0.5703	0.1511	1.4300e-003	0.1525	0.0000	340.2554	340.2554	4.9200e-003	7.3800e-003	342.5762

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

3.4 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	0.5817	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0929	0.0553	0.9896	3.7100e-003	0.5687	1.5500e-003	0.5703	0.1511	1.4300e-003	0.1525	0.0000	340.2554	340.2554	4.9200e-003	7.3800e-003	342.5762
Total	0.0929	0.0553	0.9896	3.7100e-003	0.5687	1.5500e-003	0.5703	0.1511	1.4300e-003	0.1525	0.0000	340.2554	340.2554	4.9200e-003	7.3800e-003	342.5762

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

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
Total	0.5948	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0876	0.0525	0.9600	3.6600e-003	0.5687	1.4600e-003	0.5702	0.1511	1.3400e-003	0.1524	0.0000	335.3186	335.3186	4.6100e-003	7.2200e-003	337.5848
Total	0.0876	0.0525	0.9600	3.6600e-003	0.5687	1.4600e-003	0.5702	0.1511	1.3400e-003	0.1524	0.0000	335.3186	335.3186	4.6100e-003	7.2200e-003	337.5848

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3.4 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
Total	0.5817	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0876	0.0525	0.9600	3.6600e-003	0.5687	1.4600e-003	0.5702	0.1511	1.3400e-003	0.1524	0.0000	335.3186	335.3186	4.6100e-003	7.2200e-003	337.5848
Total	0.0876	0.0525	0.9600	3.6600e-003	0.5687	1.4600e-003	0.5702	0.1511	1.3400e-003	0.1524	0.0000	335.3186	335.3186	4.6100e-003	7.2200e-003	337.5848

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

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	0.5954	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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3.4 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	0.5977	0.0993	0.2351	3.9000e-004		1.3000e-003	1.3000e-003		1.3000e-003	1.3000e-003	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0836	0.0507	0.9422	3.6400e-003	0.5731	1.3800e-003	0.5745	0.1522	1.2700e-003	0.1535	0.0000	333.5647	333.5647	4.3700e-003	7.1500e-003	335.8046
Total	0.0836	0.0507	0.9422	3.6400e-003	0.5731	1.3800e-003	0.5745	0.1522	1.2700e-003	0.1535	0.0000	333.5647	333.5647	4.3700e-003	7.1500e-003	335.8046

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

3.4 Architectural Coating - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785
Total	0.5861	0.0169	0.2401	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.4476	33.4476	1.2400e-003	0.0000	33.4785

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0836	0.0507	0.9422	3.6400e-003	0.5731	1.3800e-003	0.5745	0.1522	1.2700e-003	0.1535	0.0000	333.5647	333.5647	4.3700e-003	7.1500e-003	335.8046
Total	0.0836	0.0507	0.9422	3.6400e-003	0.5731	1.3800e-003	0.5745	0.1522	1.2700e-003	0.1535	0.0000	333.5647	333.5647	4.3700e-003	7.1500e-003	335.8046

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3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	0.5954	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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3.4 Architectural Coating - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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3.4 Architectural Coating - 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					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507
Total	0.5954	0.0989	0.2342	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.3200	33.3200	1.2300e-003	0.0000	33.3507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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3.4 Architectural Coating - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.2300e-003	0.0000	33.3507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229
Total	0.0833	0.0505	0.9386	3.6200e-003	0.5709	1.3800e-003	0.5723	0.1516	1.2700e-003	0.1529	0.0000	332.2916	332.2916	4.3500e-003	7.1200e-003	334.5229

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3.4 Architectural Coating - 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					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230
Total	0.5931	0.0985	0.2333	3.9000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2230

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0830	0.0503	0.9350	3.6100e-003	0.5687	1.3700e-003	0.5701	0.1511	1.2600e-003	0.1523	0.0000	331.0185	331.0185	4.3400e-003	7.1000e-003	333.2412
Total	0.0830	0.0503	0.9350	3.6100e-003	0.5687	1.3700e-003	0.5701	0.1511	1.2600e-003	0.1523	0.0000	331.0185	331.0185	4.3400e-003	7.1000e-003	333.2412

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3.4 Architectural Coating - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5778					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229
Total	0.5817	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	1.2300e-003	0.0000	33.2229

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0830	0.0503	0.9350	3.6100e-003	0.5687	1.3700e-003	0.5701	0.1511	1.2600e-003	0.1523	0.0000	331.0185	331.0185	4.3400e-003	7.1000e-003	333.2412
Total	0.0830	0.0503	0.9350	3.6100e-003	0.5687	1.3700e-003	0.5701	0.1511	1.2600e-003	0.1523	0.0000	331.0185	331.0185	4.3400e-003	7.1000e-003	333.2412

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3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	0.5950	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0439	0.8554	3.4700e-003	0.5709	1.0900e-003	0.5720	0.1516	1.0000e-003	0.1526	0.0000	318.2015	318.2015	3.4300e-003	6.7600e-003	320.3024
Total	0.0662	0.0439	0.8554	3.4700e-003	0.5709	1.0900e-003	0.5720	0.1516	1.0000e-003	0.1526	0.0000	318.2015	318.2015	3.4300e-003	6.7600e-003	320.3024

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

3.4 Architectural Coating - 2040

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8800e-003	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	0.5839	0.0168	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0439	0.8554	3.4700e-003	0.5709	1.0900e-003	0.5720	0.1516	1.0000e-003	0.1526	0.0000	318.2015	318.2015	3.4300e-003	6.7600e-003	320.3024
Total	0.0662	0.0439	0.8554	3.4700e-003	0.5709	1.0900e-003	0.5720	0.1516	1.0000e-003	0.1526	0.0000	318.2015	318.2015	3.4300e-003	6.7600e-003	320.3024

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3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3588	0.0000	2.3588	1.2123	0.0000	1.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2967	3.0281	2.1494	4.5700e-003		0.1304	0.1304		0.1200	0.1200	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510
Total	0.2967	3.0281	2.1494	4.5700e-003	2.3588	0.1304	2.4893	1.2123	0.1200	1.3323	0.0000	401.6038	401.6038	0.1299	0.0000	404.8510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8740	0.0000	0.8740	0.4492	0.0000	0.4492	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0559	0.2421	2.5043	4.5700e-003		7.4500e-003	7.4500e-003		7.4500e-003	7.4500e-003	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505
Total	0.0559	0.2421	2.5043	4.5700e-003	0.8740	7.4500e-003	0.8814	0.4492	7.4500e-003	0.4566	0.0000	401.6034	401.6034	0.1299	0.0000	404.8505

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721
Total	6.5100e-003	4.4400e-003	0.0605	1.9000e-004	0.0237	1.1000e-004	0.0238	6.2900e-003	1.0000e-004	6.3900e-003	0.0000	17.1332	17.1332	4.0000e-004	4.3000e-004	17.2721

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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 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0254	0.0000	1.0254	0.1280	0.0000	0.1280	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0189	0.1816	0.1712	4.0000e-004		7.3500e-003	7.3500e-003		6.7600e-003	6.7600e-003	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	0.0189	0.1816	0.1712	4.0000e-004	1.0254	7.3500e-003	1.0328	0.1280	6.7600e-003	0.1348	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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3.6 Grading - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3799	0.0000	0.3799	0.0474	0.0000	0.0474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9500e-003	0.0215	0.2145	4.0000e-004		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155
Total	4.9500e-003	0.0215	0.2145	4.0000e-004	0.3799	6.6000e-004	0.3806	0.0474	6.6000e-004	0.0481	0.0000	35.4290	35.4290	0.0115	0.0000	35.7155

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395
Total	3.9000e-004	2.7000e-004	3.6400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.0312	1.0312	2.0000e-005	3.0000e-005	1.0395

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3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	0.4307	4.3064	8.1000e-003		0.0133	0.0133		0.0133	0.0133	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.0994	0.4307	4.3064	8.1000e-003	0.6566	0.0133	0.6698	0.1995	0.0133	0.2128	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086
Total	7.3600e-003	4.8300e-003	0.0683	2.2000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	20.0515	20.0515	4.3000e-004	4.9000e-004	20.2086

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

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7722	0.0000	1.7722	0.5385	0.0000	0.5385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3786	3.6466	3.4362	8.1000e-003		0.1476	0.1476		0.1358	0.1358	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573
Total	0.3786	3.6466	3.4362	8.1000e-003	1.7722	0.1476	1.9197	0.5385	0.1358	0.6743	0.0000	711.3061	711.3061	0.2301	0.0000	717.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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3.6 Grading - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6566	0.0000	0.6566	0.1995	0.0000	0.1995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0994	0.4307	4.3064	8.1000e-003		0.0133	0.0133		0.0133	0.0133	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565
Total	0.0994	0.4307	4.3064	8.1000e-003	0.6566	0.0133	0.6698	0.1995	0.0133	0.2128	0.0000	711.3052	711.3052	0.2301	0.0000	717.0565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137
Total	6.9000e-003	4.3800e-003	0.0642	2.1000e-004	0.0286	1.2000e-004	0.0287	7.6000e-003	1.1000e-004	7.7100e-003	0.0000	19.4656	19.4656	4.0000e-004	4.6000e-004	19.6137

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3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2422	0.0000	1.2422	0.2472	0.0000	0.2472	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1233	1.1876	1.1191	2.6400e-003		0.0481	0.0481		0.0442	0.0442	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244
Total	0.1233	1.1876	1.1191	2.6400e-003	1.2422	0.0481	1.2903	0.2472	0.0442	0.2914	0.0000	231.6514	231.6514	0.0749	0.0000	233.5244

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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3.6 Grading - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4602	0.0000	0.4602	0.0916	0.0000	0.0916	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0324	0.1403	1.4025	2.6400e-003		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241
Total	0.0324	0.1403	1.4025	2.6400e-003	0.4602	4.3200e-003	0.4646	0.0916	4.3200e-003	0.0959	0.0000	231.6511	231.6511	0.0749	0.0000	233.5241

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155
Total	2.1100e-003	1.3000e-003	0.0198	7.0000e-005	9.3200e-003	4.0000e-005	9.3600e-003	2.4800e-003	3.0000e-005	2.5100e-003	0.0000	6.1697	6.1697	1.2000e-004	1.4000e-004	6.2155

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3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0801	0.7509	1.2756	1.9900e-003		0.0366	0.0366		0.0337	0.0337	0.0000	175.1685	175.1685	0.0567	0.0000	176.5848

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0245	0.1063	1.5134	1.9900e-003		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0245	0.1063	1.5134	1.9900e-003		3.2700e-003	3.2700e-003		3.2700e-003	3.2700e-003	0.0000	175.1683	175.1683	0.0567	0.0000	176.5846

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975
Total	3.2500e-003	2.0100e-003	0.0306	1.0000e-004	0.0144	5.0000e-005	0.0145	3.8200e-003	5.0000e-005	3.8700e-003	0.0000	9.5268	9.5268	1.8000e-004	2.2000e-004	9.5975

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1194	1.1199	1.9024	2.9800e-003		0.0546	0.0546		0.0503	0.0503	0.0000	261.2513	261.2513	0.0845	0.0000	263.3636

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0366	0.1586	2.2571	2.9800e-003		4.8800e-003	4.8800e-003		4.8800e-003	4.8800e-003	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0366	0.1586	2.2571	2.9800e-003		4.8800e-003	4.8800e-003		4.8800e-003	4.8800e-003	0.0000	261.2510	261.2510	0.0845	0.0000	263.3633

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616
Total	4.5500e-003	2.7600e-003	0.0434	1.5000e-004	0.0215	8.0000e-005	0.0215	5.7000e-003	7.0000e-005	5.7700e-003	0.0000	13.8611	13.8611	2.5000e-004	3.2000e-004	13.9616

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3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.7700e-003	0.0142	0.0317	6.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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3.7 Paving - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6000e-004	2.4300e-003	0.0346	6.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.6000e-004	2.4300e-003	0.0346	6.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.8199	4.8199	2.3000e-004	0.0000	4.8256

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092
Total	7.0000e-005	4.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2077	0.2077	0.0000	0.0000	0.2092

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.5816	5.6650	41.3868	0.0815	11.1734	0.0479	11.2213	2.9828	0.0449	3.0276	0.0000	7,548.1995	7,548.1995	0.4916	0.4514	7,695.0014
Unmitigated	4.5816	5.6650	41.3868	0.0815	11.1734	0.0479	11.2213	2.9828	0.0449	3.0276	0.0000	7,548.1995	7,548.1995	0.4916	0.4514	7,695.0014

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	30,828.02	0.00	0.00	29,668,580	29,668,580
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	30,828.02	0.00	0.00	29,668,580	29,668,580

4.3 Trip Type Information

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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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,673.1703	2,673.1703	0.2256	0.0274	2,686.9608
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,673.1703	2,673.1703	0.2256	0.0274	2,686.9608
NaturalGas Mitigated	0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	2,131.3412	2,131.3412	0.0409	0.0391	2,144.0067
NaturalGas Unmitigated	0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	2,131.3412	2,131.3412	0.0409	0.0391	2,144.0067

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.18135e+007	0.0637	0.5444	0.2316	3.4700e-003		0.0440	0.0440		0.0440	0.0440	0.0000	630.4141	630.4141	0.0121	0.0116	634.1604
Apartments Mid Rise	1.39342e+007	0.0751	0.6421	0.2732	4.1000e-003		0.0519	0.0519		0.0519	0.0519	0.0000	743.5801	743.5801	0.0143	0.0136	747.9989
Apartments Mid Rise	2.62244e+006	0.0141	0.1208	0.0514	7.7000e-004		9.7700e-003	9.7700e-003		9.7700e-003	9.7700e-003	0.0000	139.9437	139.9437	2.6800e-003	2.5700e-003	140.7753
Apartments Mid Rise	7.5679e+006	0.0408	0.3487	0.1484	2.2300e-003		0.0282	0.0282		0.0282	0.0282	0.0000	403.8519	403.8519	7.7400e-003	7.4000e-003	406.2517
Government (Civic Center)	203612	1.1000e-003	9.9800e-003	8.3800e-003	6.0000e-005		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	10.8655	10.8655	2.1000e-004	2.0000e-004	10.9301
Regional Shopping Center	68892.8	3.7000e-004	3.3800e-003	2.8400e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.6764	3.6764	7.0000e-005	7.0000e-005	3.6982
Single Family Housing	3.11779e+006	0.0168	0.1437	0.0611	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3770	166.3770	3.1900e-003	3.0500e-003	167.3657
Strip Mall	260367	1.4000e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	13.8942	13.8942	2.7000e-004	2.5000e-004	13.9768
Strip Mall	351144	1.8900e-003	0.0172	0.0145	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7384	18.7384	3.6000e-004	3.4000e-004	18.8498
Total		0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	2,131.3412	2,131.3412	0.0409	0.0391	2,144.0067

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.39342e+007	0.0751	0.6421	0.2732	4.1000e-003		0.0519	0.0519		0.0519	0.0519	0.0000	743.5801	743.5801	0.0143	0.0136	747.9989
Apartments Mid Rise	2.62244e+006	0.0141	0.1208	0.0514	7.7000e-004		9.7700e-003	9.7700e-003		9.7700e-003	9.7700e-003	0.0000	139.9437	139.9437	2.6800e-003	2.5700e-003	140.7753
Apartments Mid Rise	7.5679e+006	0.0408	0.3487	0.1484	2.2300e-003		0.0282	0.0282		0.0282	0.0282	0.0000	403.8519	403.8519	7.7400e-003	7.4000e-003	406.2517
Apartments Mid Rise	1.18135e+007	0.0637	0.5444	0.2316	3.4700e-003		0.0440	0.0440		0.0440	0.0440	0.0000	630.4141	630.4141	0.0121	0.0116	634.1604
Government (Civic Center)	203612	1.1000e-003	9.9800e-003	8.3800e-003	6.0000e-005		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	10.8655	10.8655	2.1000e-004	2.0000e-004	10.9301
Regional Shopping Center	68892.8	3.7000e-004	3.3800e-003	2.8400e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.6764	3.6764	7.0000e-005	7.0000e-005	3.6982
Single Family Housing	3.11779e+006	0.0168	0.1437	0.0611	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3770	166.3770	3.1900e-003	3.0500e-003	167.3657
Strip Mall	260367	1.4000e-003	0.0128	0.0107	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	13.8942	13.8942	2.7000e-004	2.5000e-004	13.9768
Strip Mall	351144	1.8900e-003	0.0172	0.0145	1.0000e-004		1.3100e-003	1.3100e-003		1.3100e-003	1.3100e-003	0.0000	18.7384	18.7384	3.6000e-004	3.4000e-004	18.8498
Total		0.2154	1.8430	0.8022	0.0118		0.1488	0.1488		0.1488	0.1488	0.0000	2,131.3412	2,131.3412	0.0409	0.0391	2,144.0067

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.08376e+006	369.5451	0.0312	3.7800e-003	371.4515
Apartments Mid Rise	3.25275e+006	576.8611	0.0487	5.9000e-003	579.8370
Apartments Mid Rise	3.83666e+006	680.4138	0.0574	6.9600e-003	683.9239
Apartments Mid Rise	722068	128.0556	0.0108	1.3100e-003	128.7162
Government (Civic Center)	545538	96.7487	8.1700e-003	9.9000e-004	97.2478
Regional Shopping Center	380163	67.4202	5.6900e-003	6.9000e-004	67.7680
Single Family Housing	877865	155.6854	0.0131	1.5900e-003	156.4886
Strip Mall	1.43675e+006	254.8018	0.0215	2.6100e-003	256.1163
Strip Mall	1.93768e+006	343.6387	0.0290	3.5200e-003	345.4115
Total		2,673.1703	0.2256	0.0274	2,686.9608

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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

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.08376e+006	369.5451	0.0312	3.7800e-003	371.4515
Apartments Mid Rise	3.25275e+006	576.8611	0.0487	5.9000e-003	579.8370
Apartments Mid Rise	3.83666e+006	680.4138	0.0574	6.9600e-003	683.9239
Apartments Mid Rise	722068	128.0556	0.0108	1.3100e-003	128.7162
Government (Civic Center)	545538	96.7487	8.1700e-003	9.9000e-004	97.2478
Regional Shopping Center	380163	67.4202	5.6900e-003	6.9000e-004	67.7680
Single Family Housing	877865	155.6854	0.0131	1.5900e-003	156.4886
Strip Mall	1.43675e+006	254.8018	0.0215	2.6100e-003	256.1163
Strip Mall	1.93768e+006	343.6387	0.0290	3.5200e-003	345.4115
Total		2,673.1703	0.2256	0.0274	2,686.9608

6.0 Area Detail

6.1 Mitigation Measures Area

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058
Unmitigated	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058

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	1.0147					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.0783					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.8016	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058
Total	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0147					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.0783					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.8016	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058
Total	12.8947	0.3092	26.7923	1.4200e-003		0.1492	0.1492		0.1492	0.1492	0.0000	43.9594	43.9594	0.0419	0.0000	45.0058

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	790.6606	6.7310	0.1649	1,008.0795
Unmitigated	790.6606	6.7310	0.1649	1,008.0795

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	162.806 / 102.638	629.8332	5.3538	0.1312	802.7699
Government (Civic Center)	11.7924 / 7.22762	45.2131	0.3878	9.5000e-003	57.7373
Regional Shopping Center	2.31921 / 1.42145	8.8920	0.0763	1.8700e-003	11.3552
Single Family Housing	7.18128 / 4.52733	27.7816	0.2362	5.7900e-003	35.4098
Strip Mall	20.5892 / 12.6192	78.9406	0.6770	0.0166	100.8074
Total		790.6606	6.7310	0.1649	1,008.0795

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	162.806 / 102.638	629.8332	5.3538	0.1312	802.7699
Government (Civic Center)	11.7924 / 7.22762	45.2131	0.3878	9.5000e-003	57.7373
Regional Shopping Center	2.31921 / 1.42145	8.8920	0.0763	1.8700e-003	11.3552
Single Family Housing	7.18128 / 4.52733	27.7816	0.2362	5.7900e-003	35.4098
Strip Mall	20.5892 / 12.6192	78.9406	0.6770	0.0166	100.8074
Total		790.6606	6.7310	0.1649	1,008.0795

8.0 Waste Detail

8.1 Mitigation Measures Waste

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	394.1435	23.2932	0.0000	976.4738
Unmitigated	394.1435	23.2932	0.0000	976.4738

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1149.44	233.3259	13.7892	0.0000	578.0551
Government (Civic Center)	338.35	68.6820	4.0590	0.0000	170.1567
Regional Shopping Center	32.88	6.6743	0.3944	0.0000	16.5354
Single Family Housing	129.15	26.2163	1.5493	0.0000	64.9497
Strip Mall	291.86	59.2449	3.5013	0.0000	146.7768
Total		394.1435	23.2932	0.0000	976.4738

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1149.44	233.3259	13.7892	0.0000	578.0551
Government (Civic Center)	338.35	68.6820	4.0590	0.0000	170.1567
Regional Shopping Center	32.88	6.6743	0.3944	0.0000	16.5354
Single Family Housing	129.15	26.2163	1.5493	0.0000	64.9497
Strip Mall	291.86	59.2449	3.5013	0.0000	146.7768
Total		394.1435	23.2932	0.0000	976.4738

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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Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Annual

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

**Fontana Downtown Core Project - Reduced Growth Alternative
San Bernardino-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)	59.36	1000sqft	4.65	59,362.10	0
Apartments Mid Rise	968.85	Dwelling Unit	84.59	968,847.80	2771
Apartments Mid Rise	821.40	Dwelling Unit	84.70	821,395.30	2349
Apartments Mid Rise	526.20	Dwelling Unit	14.58	526,197.20	1505
Apartments Mid Rise	182.34	Dwelling Unit	7.83	182,336.90	521
Single Family Housing	110.22	Dwelling Unit	73.30	198,401.22	315
Regional Shopping Center	31.31	1000sqft	5.77	31,314.90	0
Strip Mall	118.35	1000sqft	21.81	118,348.70	0
Strip Mall	159.61	1000sqft	29.42	159,611.10	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions. Total: 2,609 DUs; 334,499 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2. Lot acreage same as project.

Construction Phase - Construction schedule simplified for the purposes of modeling. Assumed same for this alternative as for proposed project.

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

Trips and VMT -

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day (same trip rate as for PP). Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	2,123.97	0.00
tblFireplaces	NumberGas	93.69	0.00
tblFireplaces	NumberNoFireplace	249.88	0.00
tblFireplaces	NumberNoFireplace	11.02	0.00
tblFireplaces	NumberWood	124.94	0.00
tblFireplaces	NumberWood	5.51	0.00
tblLandUse	LandUseSquareFeet	59,360.00	59,362.10
tblLandUse	LandUseSquareFeet	182,340.00	182,336.90
tblLandUse	LandUseSquareFeet	526,200.00	526,197.20
tblLandUse	LandUseSquareFeet	821,400.00	821,395.30
tblLandUse	LandUseSquareFeet	968,850.00	968,847.80
tblLandUse	LandUseSquareFeet	198,396.00	198,401.22
tblLandUse	LandUseSquareFeet	31,310.00	31,314.90
tblLandUse	LandUseSquareFeet	118,350.00	118,348.70

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

tblLandUse	LandUseSquareFeet	159,610.00	159,611.10
tblLandUse	LotAcreage	1.36	4.65
tblLandUse	LotAcreage	4.80	7.83
tblLandUse	LotAcreage	13.85	14.58
tblLandUse	LotAcreage	21.62	84.70
tblLandUse	LotAcreage	25.50	84.59
tblLandUse	LotAcreage	35.79	73.30
tblLandUse	LotAcreage	0.72	5.77
tblLandUse	LotAcreage	2.72	21.81
tblLandUse	LotAcreage	3.66	29.42
tblTripsAndVMT	WorkerTripNumber	1,957.00	1,996.00
tblTripsAndVMT	WorkerTripNumber	391.00	399.00
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	162,806,227.68	162,805,576.14

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

tblWater	OutdoorWaterUseRate	102,638,708.76	102,638,298.00
tblWoodstoves	NumberCatalytic	124.94	0.00
tblWoodstoves	NumberCatalytic	5.51	0.00
tblWoodstoves	NumberNoncatalytic	124.94	0.00
tblWoodstoves	NumberNoncatalytic	5.51	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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
Year	lb/day										lb/day					
2023	18.2926	54.7452	133.3270	0.3700	29.1100	1.9901	31.1001	7.7695	1.8648	9.6344	0.0000	37,406.83 97	37,406.83 97	2.4322	1.5398	37,926.49 11
2024	17.4736	52.5793	126.8547	0.3621	29.1100	1.8496	30.9596	7.7695	1.7313	9.5008	0.0000	36,608.53 89	36,608.53 89	2.3656	1.4841	37,109.94 87
2025	17.4169	57.9903	127.2726	0.3767	48.8005	1.9188	50.6751	17.8808	1.7836	19.6238	0.0000	37,983.14 66	37,983.14 66	3.1989	1.4291	38,488.99 35
2026	16.8796	57.4567	122.0384	0.3684	38.3694	1.9119	40.2813	11.4381	1.7772	13.2153	0.0000	37,136.23 82	37,136.23 82	3.1482	1.3795	37,626.02 93
2027	16.3884	56.9918	117.5658	0.3608	38.3694	1.9044	40.2738	11.4381	1.7702	13.2083	0.0000	36,356.94 05	36,356.94 05	3.1034	1.3342	36,832.11 22
2028	15.9374	56.6081	113.8350	0.3539	38.3694	1.8967	40.2661	11.4381	1.7631	13.2012	0.0000	35,656.05 55	35,656.05 55	3.0655	1.2938	36,118.24 06
2029	13.5053	36.9072	98.7064	0.3081	29.1099	1.1769	30.2868	7.7695	1.1009	8.8704	0.0000	31,183.61 79	31,183.61 79	1.8014	1.2570	31,603.23 12
2030	13.4732	30.3341	97.2836	0.3119	29.1099	0.6717	29.7816	7.7695	0.6611	8.4305	0.0000	31,413.30 38	31,413.30 38	0.6937	1.2251	31,795.71 92
2031	11.6641	22.9842	79.0243	0.2779	28.9422	0.3335	29.2757	7.7250	0.3234	8.0484	0.0000	28,156.40 06	28,156.40 06	0.5417	1.1947	28,525.95 48
2032	11.3154	22.7733	76.9595	0.2737	28.9422	0.3280	29.2702	7.7250	0.3183	8.0433	0.0000	27,719.17 52	27,719.17 52	0.5185	1.1706	28,080.96 36
2033	11.0055	22.5996	75.1926	0.2699	28.9422	0.3230	29.2652	7.7250	0.3137	8.0387	0.0000	27,334.90 16	27,334.90 16	0.4982	1.1501	27,690.06 86
2034	10.7254	22.4465	73.6109	0.2666	28.9422	0.3183	29.2605	7.7250	0.3094	8.0344	0.0000	26,995.39 92	26,995.39 92	0.4800	1.1322	27,344.78 01
2035	10.3733	21.4494	72.2333	0.2637	28.9422	0.2460	29.1881	7.7250	0.2373	7.9623	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2036	10.3733	21.4494	72.2333	0.2637	28.9422	0.2460	29.1881	7.7250	0.2373	7.9623	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2037	10.3733	21.4494	72.2333	0.2637	28.9422	0.2460	29.1881	7.7250	0.2373	7.9623	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2038	10.3733	21.4494	72.2333	0.2637	28.9422	0.2460	29.1881	7.7250	0.2373	7.9623	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2039	10.3733	21.4494	72.2333	0.2637	28.9422	0.2460	29.1881	7.7250	0.2373	7.9623	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2040	9.4390	20.7896	67.8235	0.2542	28.9421	0.2127	29.1549	7.7250	0.2052	7.9302	0.0000	25,722.35 21	25,722.35 21	0.3954	1.0691	26,050.84 29
Maximum	18.2926	57.9903	133.3270	0.3767	48.8005	1.9901	50.6751	17.8808	1.8648	19.6238	0.0000	37,983.14 66	37,983.14 66	3.1989	1.5398	38,488.99 35

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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
Year	lb/day										lb/day					
2023	15.0789	21.9396	138.2010	0.3700	29.1100	0.3284	29.4384	7.7695	0.3140	8.0835	0.0000	37,406.83 97	37,406.83 97	2.4322	1.5398	37,926.49 11
2024	14.3974	21.4053	131.7429	0.3621	29.1100	0.3216	29.4316	7.7695	0.3077	8.0772	0.0000	36,608.53 89	36,608.53 89	2.3656	1.4841	37,109.94 87
2025	14.0964	22.0958	135.3395	0.3767	36.4264	0.3552	36.7420	11.5214	0.3417	11.8235	0.0000	37,983.14 66	37,983.14 66	3.1989	1.4291	38,488.99 35
2026	13.5591	21.5622	130.1053	0.3684	32.5758	0.3483	32.9240	9.1380	0.3353	9.4734	0.0000	37,136.23 82	37,136.23 82	3.1482	1.3795	37,626.02 93
2027	13.0680	21.0972	125.6327	0.3608	32.5757	0.3407	32.9164	9.1380	0.3283	9.4664	0.0000	36,356.94 05	36,356.94 05	3.1034	1.3342	36,832.11 22
2028	12.6169	20.7135	121.9019	0.3539	32.5757	0.3330	32.9087	9.1380	0.3213	9.4593	0.0000	35,656.05 55	35,656.05 55	3.0655	1.2938	36,118.24 05
2029	11.6899	18.2892	102.8229	0.3081	29.1099	0.2615	29.3714	7.7695	0.2503	8.0197	0.0000	31,183.61 79	31,183.61 79	1.8014	1.2570	31,603.23 12
2030	11.2868	18.0018	100.0677	0.3119	29.1099	0.2548	29.3647	7.7695	0.2441	8.0136	0.0000	31,413.30 38	31,413.30 38	0.6937	1.2251	31,795.71 92
2031	10.5817	16.5567	80.3623	0.2779	28.9422	0.2098	29.1520	7.7250	0.1997	7.9247	0.0000	28,156.40 06	28,156.40 06	0.5417	1.1947	28,525.95 48
2032	10.2330	16.3458	78.2974	0.2737	28.9422	0.2043	29.1465	7.7250	0.1946	7.9196	0.0000	27,719.17 52	27,719.17 52	0.5185	1.1706	28,080.96 36
2033	9.9231	16.1722	76.5305	0.2699	28.9422	0.1993	29.1415	7.7250	0.1900	7.9150	0.0000	27,334.90 16	27,334.90 16	0.4982	1.1501	27,690.06 86
2034	9.6430	16.0191	74.9488	0.2666	28.9422	0.1946	29.1368	7.7250	0.1857	7.9107	0.0000	26,995.39 92	26,995.39 92	0.4800	1.1322	27,344.78 01
2035	9.3961	15.8938	73.6139	0.2637	28.9422	0.1904	29.1325	7.7250	0.1818	7.9068	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2036	9.3961	15.8938	73.6139	0.2637	28.9422	0.1904	29.1325	7.7250	0.1818	7.9068	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2037	9.3961	15.8938	73.6139	0.2637	28.9422	0.1904	29.1325	7.7250	0.1818	7.9068	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2038	9.3961	15.8938	73.6139	0.2637	28.9422	0.1904	29.1325	7.7250	0.1818	7.9068	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2039	9.3961	15.8938	73.6139	0.2637	28.9422	0.1904	29.1325	7.7250	0.1818	7.9068	0.0000	26,698.59 53	26,698.59 53	0.4550	1.1171	27,042.85 09
2040	8.4846	15.5358	69.2054	0.2542	28.9421	0.1763	29.1185	7.7250	0.1688	7.8938	0.0000	25,722.35 21	25,722.35 21	0.3954	1.0691	26,050.84 29
Maximum	15.0789	22.0958	138.2010	0.3767	36.4264	0.3552	36.7420	11.5214	0.3417	11.8235	0.0000	37,983.14 66	37,983.14 66	3.1989	1.5398	38,488.99 35

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	14.34	47.75	-3.75	0.00	5.22	72.12	7.06	8.26	71.60	13.71	0.00	0.00	0.00	0.00	0.00	0.00

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Energy	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Mobile	43.6483	40.5955	324.1021	0.6657	87.6026	0.3685	87.9711	23.3501	0.3454	23.6955		67,876.82 42	67,876.82 42	3.9429	3.6888	69,074.65 04
Total	117.5046	53.1679	542.8362	0.7415	87.6026	2.3776	89.9802	23.3501	2.3545	25.7046	0.0000	81,137.91 22	81,137.91 22	4.5587	3.9248	82,421.46 66

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	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Energy	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Mobile	43.6483	40.5955	324.1021	0.6657	87.6026	0.3685	87.9711	23.3501	0.3454	23.6955		67,876.82 42	67,876.82 42	3.9429	3.6888	69,074.65 04
Total	117.5046	53.1679	542.8362	0.7415	87.6026	2.3776	89.9802	23.3501	2.3545	25.7046	0.0000	81,137.91 22	81,137.91 22	4.5587	3.9248	82,421.46 66

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 5,461,786; Residential Outdoor: 1,820,595; Non-Residential Indoor: 552,955; Non-Residential Outdoor: 184,318; 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

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
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	0.00	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	1,996.00	339.00	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	399.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

Water Exposed Area

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171
Total	0.0586	0.0354	0.5641	1.5000e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		151.3517	151.3517	3.6600e-003	3.6000e-003	152.5171

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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134
Total	0.0544	0.0314	0.5245	1.4500e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		146.9351	146.9351	3.3100e-003	3.3400e-003	148.0134

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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973
Total	0.0506	0.0280	0.4858	1.4000e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		141.8962	141.8962	2.9800e-003	3.1100e-003	142.8973

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3968	11.8906	4.9895	0.0607	2.1719	0.0894	2.2613	0.6254	0.0855	0.7109		6,506.0263	6,506.0263	0.1700	0.9608	6,796.5844
Worker	7.7998	4.7062	75.0687	0.1993	22.3106	0.1099	22.4205	5.9169	0.1012	6.0180		20,139.8648	20,139.8648	0.4871	0.4795	20,294.9416
Total	8.1967	16.5968	80.0581	0.2599	24.4825	0.1993	24.6817	6.5423	0.1866	6.7289		26,645.8911	26,645.8911	0.6571	1.4403	27,091.5259

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3968	11.8906	4.9895	0.0607	2.1719	0.0894	2.2613	0.6254	0.0855	0.7109		6,506.0263	6,506.0263	0.1700	0.9608	6,796.5844
Worker	7.7998	4.7062	75.0687	0.1993	22.3106	0.1099	22.4205	5.9169	0.1012	6.0180		20,139.8648	20,139.8648	0.4871	0.4795	20,294.9416
Total	8.1967	16.5968	80.0581	0.2599	24.4825	0.1993	24.6817	6.5423	0.1866	6.7289		26,645.8911	26,645.8911	0.6571	1.4403	27,091.5259

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3877	11.9964	4.9065	0.0598	2.1719	0.0880	2.2599	0.6254	0.0842	0.7096		6,416.4013	6,416.4013	0.1649	0.9474	6,702.8493
Worker	7.2430	4.1760	69.7887	0.1934	22.3106	0.1054	22.4160	5.9169	0.0970	6.0139		19,552.1600	19,552.1600	0.4407	0.4445	19,695.6443
Total	7.6306	16.1724	74.6952	0.2533	24.4825	0.1934	24.6758	6.5423	0.1812	6.7234		25,968.5613	25,968.5613	0.6055	1.3919	26,398.4936

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3877	11.9964	4.9065	0.0598	2.1719	0.0880	2.2599	0.6254	0.0842	0.7096		6,416.4013	6,416.4013	0.1649	0.9474	6,702.8493
Worker	7.2430	4.1760	69.7887	0.1934	22.3106	0.1054	22.4160	5.9169	0.0970	6.0139		19,552.1600	19,552.1600	0.4407	0.4445	19,695.6443
Total	7.6306	16.1724	74.6952	0.2533	24.4825	0.1934	24.6758	6.5423	0.1812	6.7234		25,968.5613	25,968.5613	0.6055	1.3919	26,398.4936

3.3 Building Construction - 2025

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3802	11.9248	4.8295	0.0587	2.1718	0.0879	2.2597	0.6254	0.0841	0.7094		6,291.657 1	6,291.657 1	0.1601	0.9285	6,572.343 4
Worker	6.7381	3.7255	64.6475	0.1868	22.3106	0.1000	22.4106	5.9169	0.0921	6.0089		18,881.65 22	18,881.65 22	0.3961	0.4138	19,014.86 19
Total	7.1183	15.6502	69.4770	0.2455	24.4824	0.1879	24.6703	6.5423	0.1761	6.7184		25,173.30 94	25,173.30 94	0.5563	1.3423	25,587.20 53

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3802	11.9248	4.8295	0.0587	2.1718	0.0879	2.2597	0.6254	0.0841	0.7094		6,291.657 1	6,291.657 1	0.1601	0.9285	6,572.343 4
Worker	6.7381	3.7255	64.6475	0.1868	22.3106	0.1000	22.4106	5.9169	0.0921	6.0089		18,881.65 22	18,881.65 22	0.3961	0.4138	19,014.86 19
Total	7.1183	15.6502	69.4770	0.2455	24.4824	0.1879	24.6703	6.5423	0.1761	6.7184		25,173.30 94	25,173.30 94	0.5563	1.3423	25,587.20 53

3.3 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3735	11.8366	4.7654	0.0575	2.1718	0.0873	2.2592	0.6254	0.0836	0.7089		6,166.6258	6,166.6258	0.1552	0.9095	6,441.5254
Worker	6.2995	3.3573	60.3744	0.1809	22.3106	0.0947	22.4053	5.9169	0.0872	6.0041		18,285.0201	18,285.0201	0.3582	0.3885	18,409.7424
Total	6.6730	15.1939	65.1398	0.2384	24.4824	0.1821	24.6645	6.5422	0.1707	6.7130		24,451.6459	24,451.6459	0.5135	1.2979	24,851.2677

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3735	11.8366	4.7654	0.0575	2.1718	0.0873	2.2592	0.6254	0.0836	0.7089		6,166.6258	6,166.6258	0.1552	0.9095	6,441.5254
Worker	6.2995	3.3573	60.3744	0.1809	22.3106	0.0947	22.4053	5.9169	0.0872	6.0041		18,285.0201	18,285.0201	0.3582	0.3885	18,409.7424
Total	6.6730	15.1939	65.1398	0.2384	24.4824	0.1821	24.6645	6.5422	0.1707	6.7130		24,451.6459	24,451.6459	0.5135	1.2979	24,851.2677

3.3 Building Construction - 2027

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3679	11.7475	4.7104	0.0563	2.1718	0.0868	2.2586	0.6254	0.0830	0.7084		6,036.2096	6,036.2096	0.1501	0.8898	6,305.1340
Worker	5.8983	3.0467	56.7232	0.1756	22.3106	0.0890	22.3996	5.9169	0.0819	5.9987		17,748.7189	17,748.7189	0.3255	0.3673	17,866.2967
Total	6.2661	14.7941	61.4336	0.2319	24.4824	0.1757	24.6581	6.5422	0.1649	6.7071		23,784.9285	23,784.9285	0.4756	1.2571	24,171.4307

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3679	11.7475	4.7104	0.0563	2.1718	0.0868	2.2586	0.6254	0.0830	0.7084		6,036.2096	6,036.2096	0.1501	0.8898	6,305.1340
Worker	5.8983	3.0467	56.7232	0.1756	22.3106	0.0890	22.3996	5.9169	0.0819	5.9987		17,748.7189	17,748.7189	0.3255	0.3673	17,866.2967
Total	6.2661	14.7941	61.4336	0.2319	24.4824	0.1757	24.6581	6.5422	0.1649	6.7071		23,784.9285	23,784.9285	0.4756	1.2571	24,171.4307

3.3 Building Construction - 2028

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3633	11.6791	4.6670	0.0552	2.1718	0.0863	2.2580	0.6254	0.0825	0.7079		5,911.6589	5,911.6589	0.1460	0.8709	6,174.8271
Worker	5.5293	2.7860	53.6755	0.1709	22.3106	0.0830	22.3936	5.9169	0.0764	5.9933		17,272.3779	17,272.3779	0.2976	0.3495	17,383.9799
Total	5.8925	14.4651	58.3425	0.2260	24.4824	0.1693	24.6517	6.5422	0.1589	6.7012		23,184.0368	23,184.0368	0.4435	1.2204	23,558.8069

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3633	11.6791	4.6670	0.0552	2.1718	0.0863	2.2580	0.6254	0.0825	0.7079		5,911.6589	5,911.6589	0.1460	0.8709	6,174.8271
Worker	5.5293	2.7860	53.6755	0.1709	22.3106	0.0830	22.3936	5.9169	0.0764	5.9933		17,272.3779	17,272.3779	0.2976	0.3495	17,383.9799
Total	5.8925	14.4651	58.3425	0.2260	24.4824	0.1693	24.6517	6.5422	0.1589	6.7012		23,184.0368	23,184.0368	0.4435	1.2204	23,558.8069

3.3 Building Construction - 2029

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3592	11.6173	4.6289	0.0541	2.1718	0.0858	2.2576	0.6254	0.0821	0.7074		5,795.0196	5,795.0196	0.1418	0.8531	6,052.7843
Worker	5.1747	2.5617	51.0228	0.1667	22.3106	0.0775	22.3880	5.9169	0.0713	5.9881		16,849.1642	16,849.1642	0.2730	0.3345	16,955.6715
Total	5.5339	14.1790	55.6517	0.2208	24.4823	0.1633	24.6456	6.5422	0.1533	6.6956		22,644.1838	22,644.1838	0.4147	1.1876	23,008.4558

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3592	11.6173	4.6289	0.0541	2.1718	0.0858	2.2576	0.6254	0.0821	0.7074		5,795.0196	5,795.0196	0.1418	0.8531	6,052.7843
Worker	5.1747	2.5617	51.0228	0.1667	22.3106	0.0775	22.3880	5.9169	0.0713	5.9881		16,849.1642	16,849.1642	0.2730	0.3345	16,955.6715
Total	5.5339	14.1790	55.6517	0.2208	24.4823	0.1633	24.6456	6.5422	0.1533	6.6956		22,644.1838	22,644.1838	0.4147	1.1876	23,008.4558

3.3 Building Construction - 2030

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3560	11.5616	4.5994	0.0531	2.1718	0.0854	2.2571	0.6254	0.0817	0.7070		5,686.4059	5,686.4059	0.1379	0.8365	5,939.1353
Worker	4.8435	2.3698	48.7653	0.1630	22.3106	0.0723	22.3829	5.9169	0.0665	5.9834		16,474.3598	16,474.3598	0.2515	0.3218	16,576.5465
Total	5.1995	13.9314	53.3647	0.2161	24.4823	0.1577	24.6400	6.5422	0.1482	6.6904		22,160.7657	22,160.7657	0.3894	1.1583	22,515.6818

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3560	11.5616	4.5994	0.0531	2.1718	0.0854	2.2571	0.6254	0.0817	0.7070		5,686.4059	5,686.4059	0.1379	0.8365	5,939.1353
Worker	4.8435	2.3698	48.7653	0.1630	22.3106	0.0723	22.3829	5.9169	0.0665	5.9834		16,474.3598	16,474.3598	0.2515	0.3218	16,576.5465
Total	5.1995	13.9314	53.3647	0.2161	24.4823	0.1577	24.6400	6.5422	0.1482	6.6904		22,160.7657	22,160.7657	0.3894	1.1583	22,515.6818

3.3 Building Construction - 2031

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3536	11.5519	4.5865	0.0522	2.1717	0.0835	2.2552	0.6253	0.0798	0.7052		5,588.4469	5,588.4469	0.1345	0.8214	5,836.5898
Worker	4.5220	2.2013	47.0732	0.1599	22.3106	0.0680	22.3786	5.9169	0.0626	5.9794		16,158.8150	16,158.8150	0.2331	0.3111	16,257.3403
Total	4.8756	13.7532	51.6597	0.2120	24.4823	0.1515	24.6338	6.5422	0.1424	6.6846		21,747.2619	21,747.2619	0.3675	1.1325	22,093.9301

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3536	11.5519	4.5865	0.0522	2.1717	0.0835	2.2552	0.6253	0.0798	0.7052		5,588.4469	5,588.4469	0.1345	0.8214	5,836.5898
Worker	4.5220	2.2013	47.0732	0.1599	22.3106	0.0680	22.3786	5.9169	0.0626	5.9794		16,158.8150	16,158.8150	0.2331	0.3111	16,257.3403
Total	4.8756	13.7532	51.6597	0.2120	24.4823	0.1515	24.6338	6.5422	0.1424	6.6846		21,747.2619	21,747.2619	0.3675	1.1325	22,093.9301

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3521	11.5107	4.5770	0.0514	2.1717	0.0832	2.2549	0.6253	0.0796	0.7049		5,502.3917	5,502.3917	0.1313	0.8082	5,746.5133
Worker	4.2327	2.0599	45.3603	0.1570	22.3106	0.0637	22.3742	5.9169	0.0586	5.9754		15,866.1487	15,866.1487	0.2163	0.3020	15,961.5534
Total	4.5848	13.5706	49.9372	0.2084	24.4823	0.1468	24.6291	6.5422	0.1381	6.6803		21,368.5405	21,368.5405	0.3476	1.1102	21,708.0666

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3521	11.5107	4.5770	0.0514	2.1717	0.0832	2.2549	0.6253	0.0796	0.7049		5,502.3917	5,502.3917	0.1313	0.8082	5,746.5133
Worker	4.2327	2.0599	45.3603	0.1570	22.3106	0.0637	22.3742	5.9169	0.0586	5.9754		15,866.1487	15,866.1487	0.2163	0.3020	15,961.5534
Total	4.5848	13.5706	49.9372	0.2084	24.4823	0.1468	24.6291	6.5422	0.1381	6.6803		21,368.5405	21,368.5405	0.3476	1.1102	21,708.0666

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3513	11.4772	4.5738	0.0507	2.1717	0.0829	2.2546	0.6253	0.0793	0.7046		5,426.9699	5,426.9699	0.1285	0.7966	5,667.5803
Worker	3.9751	1.9431	43.8904	0.1544	22.3106	0.0597	22.3703	5.9169	0.0549	5.9718		15,608.7507	15,608.7507	0.2018	0.2945	15,701.5633
Total	4.3264	13.4203	48.4642	0.2051	24.4823	0.1426	24.6249	6.5422	0.1342	6.6765		21,035.7206	21,035.7206	0.3302	1.0912	21,369.1436

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3513	11.4772	4.5738	0.0507	2.1717	0.0829	2.2546	0.6253	0.0793	0.7046		5,426.9699	5,426.9699	0.1285	0.7966	5,667.5803
Worker	3.9751	1.9431	43.8904	0.1544	22.3106	0.0597	22.3703	5.9169	0.0549	5.9718		15,608.7507	15,608.7507	0.2018	0.2945	15,701.5633
Total	4.3264	13.4203	48.4642	0.2051	24.4823	0.1426	24.6249	6.5422	0.1342	6.6765		21,035.7206	21,035.7206	0.3302	1.0912	21,369.1436

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3507	11.4409	4.5727	0.0501	2.1717	0.0826	2.2543	0.6253	0.0790	0.7043		5,359.0559	5,359.0559	0.1260	0.7862	5,596.4988
Worker	3.7422	1.8457	42.5731	0.1522	22.3106	0.0561	22.3667	5.9169	0.0516	5.9685		15,382.4082	15,382.4082	0.1887	0.2883	15,473.0384
Total	4.0928	13.2866	47.1458	0.2023	24.4823	0.1387	24.6209	6.5422	0.1306	6.6728		20,741.4641	20,741.4641	0.3147	1.0745	21,069.5372

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3507	11.4409	4.5727	0.0501	2.1717	0.0826	2.2543	0.6253	0.0790	0.7043		5,359.0559	5,359.0559	0.1260	0.7862	5,596.4988
Worker	3.7422	1.8457	42.5731	0.1522	22.3106	0.0561	22.3667	5.9169	0.0516	5.9685		15,382.4082	15,382.4082	0.1887	0.2883	15,473.0384
Total	4.0928	13.2866	47.1458	0.2023	24.4823	0.1387	24.6209	6.5422	0.1306	6.6728		20,741.4641	20,741.4641	0.3147	1.0745	21,069.5372

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3501	11.4060	4.5721	0.0495	2.1717	0.0822	2.2539	0.6253	0.0787	0.7040		5,298.8149	5,298.8149	0.1238	0.7770	5,533.4475
Worker	3.5369	1.7704	41.4611	0.1502	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		15,185.2560	15,185.2560	0.1774	0.2834	15,274.1509
Total	3.8869	13.1765	46.0332	0.1998	24.4823	0.1351	24.6174	6.5422	0.1273	6.6695		20,484.0709	20,484.0709	0.3012	1.0604	20,807.5984

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3500	11.3252	4.5776	0.0477	2.1717	0.0815	2.2532	0.6253	0.0780	0.7033		5,094.7615	5,094.7615	0.1146	0.7461	5,319.9741
Worker	2.7772	1.5394	37.7824	0.1439	22.3106	0.0417	22.3523	5.9169	0.0384	5.9553		14,541.7105	14,541.7105	0.1390	0.2692	14,625.4069
Total	3.1273	12.8646	42.3600	0.1916	24.4823	0.1232	24.6055	6.5422	0.1164	6.6586		19,636.4720	19,636.4720	0.2536	1.0153	19,945.3810

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3500	11.3252	4.5776	0.0477	2.1717	0.0815	2.2532	0.6253	0.0780	0.7033		5,094.7615	5,094.7615	0.1146	0.7461	5,319.9741
Worker	2.7772	1.5394	37.7824	0.1439	22.3106	0.0417	22.3523	5.9169	0.0384	5.9553		14,541.7105	14,541.7105	0.1390	0.2692	14,625.4069
Total	3.1273	12.8646	42.3600	0.1916	24.4823	0.1232	24.6055	6.5422	0.1164	6.6586		19,636.4720	19,636.4720	0.2536	1.0153	19,945.3810

3.4 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	4.4446					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	4.6363	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5592	0.9408	15.0062	0.0398	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		4,025.954 9	4,025.954 9	0.0974	0.0959	4,056.954 8
Total	1.5592	0.9408	15.0062	0.0398	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		4,025.954 9	4,025.954 9	0.0974	0.0959	4,056.954 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5592	0.9408	15.0062	0.0398	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		4,025.954 9	4,025.954 9	0.0974	0.0959	4,056.954 8
Total	1.5592	0.9408	15.0062	0.0398	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		4,025.954 9	4,025.954 9	0.0974	0.0959	4,056.954 8

3.4 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	4.4446					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	4.6254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4479	0.8348	13.9507	0.0387	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,908.4729	3,908.4729	0.0881	0.0889	3,937.1554
Total	1.4479	0.8348	13.9507	0.0387	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,908.4729	3,908.4729	0.0881	0.0889	3,937.1554

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4479	0.8348	13.9507	0.0387	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,908.4729	3,908.4729	0.0881	0.0889	3,937.1554
Total	1.4479	0.8348	13.9507	0.0387	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,908.4729	3,908.4729	0.0881	0.0889	3,937.1554

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3469	0.7447	12.9230	0.0373	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,774.438 5	3,774.438 5	0.0792	0.0827	3,801.067 1
Total	1.3469	0.7447	12.9230	0.0373	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,774.438 5	3,774.438 5	0.0792	0.0827	3,801.067 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3469	0.7447	12.9230	0.0373	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,774.4385	3,774.4385	0.0792	0.0827	3,801.0671
Total	1.3469	0.7447	12.9230	0.0373	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,774.4385	3,774.4385	0.0792	0.0827	3,801.0671

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2593	0.6711	12.0688	0.0362	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,655.1719	3,655.1719	0.0716	0.0777	3,680.1038
Total	1.2593	0.6711	12.0688	0.0362	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,655.1719	3,655.1719	0.0716	0.0777	3,680.1038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2593	0.6711	12.0688	0.0362	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,655.1719	3,655.1719	0.0716	0.0777	3,680.1038
Total	1.2593	0.6711	12.0688	0.0362	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,655.1719	3,655.1719	0.0716	0.0777	3,680.1038

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1791	0.6090	11.3390	0.0351	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,547.965 4	3,547.965 4	0.0651	0.0734	3,571.469 1
Total	1.1791	0.6090	11.3390	0.0351	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,547.965 4	3,547.965 4	0.0651	0.0734	3,571.469 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1791	0.6090	11.3390	0.0351	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,547.965 4	3,547.965 4	0.0651	0.0734	3,571.469 1
Total	1.1791	0.6090	11.3390	0.0351	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,547.965 4	3,547.965 4	0.0651	0.0734	3,571.469 1

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1053	0.5569	10.7297	0.0342	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,452.744 9	3,452.744 9	0.0595	0.0699	3,475.054 1
Total	1.1053	0.5569	10.7297	0.0342	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,452.744 9	3,452.744 9	0.0595	0.0699	3,475.054 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1053	0.5569	10.7297	0.0342	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,452.744 9	3,452.744 9	0.0595	0.0699	3,475.054 1
Total	1.1053	0.5569	10.7297	0.0342	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,452.744 9	3,452.744 9	0.0595	0.0699	3,475.054 1

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0344	0.5121	10.1995	0.0333	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,368.144 6	3,368.144 6	0.0546	0.0669	3,389.435 3
Total	1.0344	0.5121	10.1995	0.0333	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,368.144 6	3,368.144 6	0.0546	0.0669	3,389.435 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0344	0.5121	10.1995	0.0333	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,368.144 6	3,368.144 6	0.0546	0.0669	3,389.435 3
Total	1.0344	0.5121	10.1995	0.0333	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,368.144 6	3,368.144 6	0.0546	0.0669	3,389.435 3

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9682	0.4737	9.7482	0.0326	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		3,293.221 2	3,293.221 2	0.0503	0.0643	3,313.648 3
Total	0.9682	0.4737	9.7482	0.0326	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		3,293.221 2	3,293.221 2	0.0503	0.0643	3,313.648 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9682	0.4737	9.7482	0.0326	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		3,293.221 2	3,293.221 2	0.0503	0.0643	3,313.648 3
Total	0.9682	0.4737	9.7482	0.0326	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		3,293.221 2	3,293.221 2	0.0503	0.0643	3,313.648 3

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9040	0.4400	9.4099	0.0320	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		3,230.143 9	3,230.143 9	0.0466	0.0622	3,249.839 1
Total	0.9040	0.4400	9.4099	0.0320	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		3,230.143 9	3,230.143 9	0.0466	0.0622	3,249.839 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9040	0.4400	9.4099	0.0320	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		3,230.143 9	3,230.143 9	0.0466	0.0622	3,249.839 1
Total	0.9040	0.4400	9.4099	0.0320	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		3,230.143 9	3,230.143 9	0.0466	0.0622	3,249.839 1

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8461	0.4118	9.0675	0.0314	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		3,171.640 0	3,171.640 0	0.0433	0.0604	3,190.711 3
Total	0.8461	0.4118	9.0675	0.0314	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		3,171.640 0	3,171.640 0	0.0433	0.0604	3,190.711 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8461	0.4118	9.0675	0.0314	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		3,171.640 0	3,171.640 0	0.0433	0.0604	3,190.711 3
Total	0.8461	0.4118	9.0675	0.0314	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		3,171.640 0	3,171.640 0	0.0433	0.0604	3,190.711 3

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7946	0.3884	8.7737	0.0309	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		3,120.186 1	3,120.186 1	0.0403	0.0589	3,138.739 4
Total	0.7946	0.3884	8.7737	0.0309	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		3,120.186 1	3,120.186 1	0.0403	0.0589	3,138.739 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7946	0.3884	8.7737	0.0309	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		3,120.186 1	3,120.186 1	0.0403	0.0589	3,138.739 4
Total	0.7946	0.3884	8.7737	0.0309	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		3,120.186 1	3,120.186 1	0.0403	0.0589	3,138.739 4

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7481	0.3690	8.5104	0.0304	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		3,074.940 3	3,074.940 3	0.0377	0.0576	3,093.057 3
Total	0.7481	0.3690	8.5104	0.0304	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		3,074.940 3	3,074.940 3	0.0377	0.0576	3,093.057 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7481	0.3690	8.5104	0.0304	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		3,074.940 3	3,074.940 3	0.0377	0.0576	3,093.057 3
Total	0.7481	0.3690	8.5104	0.0304	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		3,074.940 3	3,074.940 3	0.0377	0.0576	3,093.057 3

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997
Total	0.7070	0.3539	8.2881	0.0300	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		3,035.5296	3,035.5296	0.0355	0.0567	3,053.2997

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	4.5595	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5552	0.3077	7.5527	0.0288	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,906.8850	2,906.8850	0.0278	0.0538	2,923.6159
Total	0.5552	0.3077	7.5527	0.0288	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,906.8850	2,906.8850	0.0278	0.0538	2,923.6159

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5552	0.3077	7.5527	0.0288	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,906.8850	2,906.8850	0.0278	0.0538	2,923.6159
Total	0.5552	0.3077	7.5527	0.0288	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,906.8850	2,906.8850	0.0278	0.0538	2,923.6159

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.4656	2.0175	20.8690	0.0381	7.2829	0.0621	7.3450	3.7430	0.0621	3.8050	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767
Total	0.0608	0.0336	0.5830	1.6800e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		170.2754	170.2754	3.5700e-003	3.7300e-003	171.4767

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297
Total	0.0675	0.0373	0.6478	1.8700e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		189.1949	189.1949	3.9700e-003	4.1500e-003	190.5297

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664
Total	0.0631	0.0336	0.6050	1.8100e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		183.2166	183.2166	3.5900e-003	3.8900e-003	184.4664

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210
Total	0.0591	0.0305	0.5684	1.7600e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		177.8429	177.8429	3.2600e-003	3.6800e-003	179.0210

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882
Total	0.0554	0.0279	0.5378	1.7100e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		173.0699	173.0699	2.9800e-003	3.5000e-003	174.1882

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411
Total	0.0416	0.0209	0.4034	1.2800e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		129.8024	129.8024	2.2400e-003	2.6300e-003	130.6411

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224
Total	0.0389	0.0193	0.3834	1.2500e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		126.6220	126.6220	2.0500e-003	2.5100e-003	127.4224

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733
Total	0.0364	0.0178	0.3665	1.2200e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		123.8053	123.8053	1.8900e-003	2.4200e-003	124.5733

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	43.6483	40.5955	324.1021	0.6657	87.6026	0.3685	87.9711	23.3501	0.3454	23.6955		67,876.8242	67,876.8242	3.9429	3.6888	69,074.6504
Unmitigated	43.6483	40.5955	324.1021	0.6657	87.6026	0.3685	87.9711	23.3501	0.3454	23.6955		67,876.8242	67,876.8242	3.9429	3.6888	69,074.6504

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	30,828.02	0.00	0.00	29,668,580	29,668,580
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	30,828.02	0.00	0.00	29,668,580	29,668,580

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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					
Natural Gas Mitigated	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Natural Gas Unmitigated	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	20734	0.2236	1.9108	0.8131	0.0122		0.1545	0.1545		0.1545	0.1545		2,439.2902	2,439.2902	0.0468	0.0447	2,453.7857
Apartments Mid Rise	32365.8	0.3490	2.9827	1.2693	0.0190		0.2412	0.2412		0.2412	0.2412		3,807.7404	3,807.7404	0.0730	0.0698	3,830.3679
Apartments Mid Rise	38175.8	0.4117	3.5182	1.4971	0.0225		0.2845	0.2845		0.2845	0.2845		4,491.2701	4,491.2701	0.0861	0.0823	4,517.9595
Apartments Mid Rise	7184.78	0.0775	0.6621	0.2818	4.2300e-003		0.0535	0.0535		0.0535	0.0535		845.2683	845.2683	0.0162	0.0155	850.2913
Government (Civic Center)	557.841	6.0200e-003	0.0547	0.0459	3.3000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003		65.6284	65.6284	1.2600e-003	1.2000e-003	66.0184
Regional Shopping Center	188.747	2.0400e-003	0.0185	0.0155	1.1000e-004		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003		22.2056	22.2056	4.3000e-004	4.1000e-004	22.3375
Single Family Housing	8541.88	0.0921	0.7872	0.3350	5.0200e-003		0.0637	0.0637		0.0637	0.0637		1,004.9272	1,004.9272	0.0193	0.0184	1,010.8989
Strip Mall	713.335	7.6900e-003	0.0699	0.0588	4.2000e-004		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003		83.9217	83.9217	1.6100e-003	1.5400e-003	84.4204
Strip Mall	962.04	0.0104	0.0943	0.0792	5.7000e-004		7.1700e-003	7.1700e-003		7.1700e-003	7.1700e-003		113.1811	113.1811	2.1700e-003	2.0700e-003	113.8537
Total		1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.4329	12,873.4329	0.2467	0.2360	12,949.9332

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	20.734	0.2236	1.9108	0.8131	0.0122		0.1545	0.1545		0.1545	0.1545		2,439.2902	2,439.2902	0.0468	0.0447	2,453.7857
Apartments Mid Rise	32.3658	0.3490	2.9827	1.2693	0.0190		0.2412	0.2412		0.2412	0.2412		3,807.7404	3,807.7404	0.0730	0.0698	3,830.3679
Apartments Mid Rise	38.1758	0.4117	3.5182	1.4971	0.0225		0.2845	0.2845		0.2845	0.2845		4,491.2701	4,491.2701	0.0861	0.0823	4,517.9595
Apartments Mid Rise	7.18478	0.0775	0.6621	0.2818	4.2300e-003		0.0535	0.0535		0.0535	0.0535		845.2683	845.2683	0.0162	0.0155	850.2913
Government (Civic Center)	0.557841	6.0200e-003	0.0547	0.0459	3.3000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003		65.6284	65.6284	1.2600e-003	1.2000e-003	66.0184
Regional Shopping Center	0.188747	2.0400e-003	0.0185	0.0155	1.1000e-004		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003		22.2056	22.2056	4.3000e-004	4.1000e-004	22.3375
Single Family Housing	8.54188	0.0921	0.7872	0.3350	5.0200e-003		0.0637	0.0637		0.0637	0.0637		1,004.9272	1,004.9272	0.0193	0.0184	1,010.8989
Strip Mall	0.713335	7.6900e-003	0.0699	0.0588	4.2000e-004		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003		83.9217	83.9217	1.6100e-003	1.5400e-003	84.4204
Strip Mall	0.96204	0.0104	0.0943	0.0792	5.7000e-004		7.1700e-003	7.1700e-003		7.1700e-003	7.1700e-003		113.1811	113.1811	2.1700e-003	2.0700e-003	113.8537
Total		1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.4329	12,873.4329	0.2467	0.2360	12,949.9332

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Unmitigated	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

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	5.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.7031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4130	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938		387.6551	387.6551	0.3691		396.8830
Total	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.7031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4130	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938		387.6551	387.6551	0.3691		396.8830
Total	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

**Fontana Downtown Core Project - Reduced Growth Alternative
San Bernardino-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)	59.36	1000sqft	4.65	59,362.10	0
Apartments Mid Rise	968.85	Dwelling Unit	84.59	968,847.80	2771
Apartments Mid Rise	821.40	Dwelling Unit	84.70	821,395.30	2349
Apartments Mid Rise	526.20	Dwelling Unit	14.58	526,197.20	1505
Apartments Mid Rise	182.34	Dwelling Unit	7.83	182,336.90	521
Single Family Housing	110.22	Dwelling Unit	73.30	198,401.22	315
Regional Shopping Center	31.31	1000sqft	5.77	31,314.90	0
Strip Mall	118.35	1000sqft	21.81	118,348.70	0
Strip Mall	159.61	1000sqft	29.42	159,611.10	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
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 - Land uses modelled represent net development over existing conditions. Total: 2,609 DUs; 334,499 square feet of non-res. uses. Land uses assumed based on District type, proportioned as provided in PD Table 3-2. Lot acreage same as project.

Construction Phase - Construction schedule simplified for the purposes of modeling. Assumed same for this alternative as for proposed project.

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

Trips and VMT -

Grading - Plan Area is relatively flat and urbanized; Soil anticipated to balance on-site.

Architectural Coating -

Vehicle Trips - Op. mobile trips provided by Kittelson; 105,168 total daily trips over existing condition (139,825 project 2040 daily trips, minus 34,657 existing cond. daily trips); 519.34 trips/sf/day (same trip rate as for PP). Avg. Trip length = 6.298199

Vehicle Emission Factors - Avg. trip length estimated by dividing net VMT (662,369), divided by trips (105,168) = 6.298199. Trips and trip length put into 'Commercial - Government (Civic Center) land use modeling bucket for modeling purposes.

Woodstoves - No hearths.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 Fugitive Dust applied: Water Exposed Area 3x daily; Unpaved Road Mitigation (Moisture Content 12%; Vehicle Speed 15 MPH); Replace Ground Cover (5%). MM: Require Tier 4 construction equip. for equip. over 150hp.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	6,200.00	4,566.00
tblConstructionPhase	NumDays	440.00	4,566.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	2,123.97	0.00
tblFireplaces	NumberGas	93.69	0.00
tblFireplaces	NumberNoFireplace	249.88	0.00
tblFireplaces	NumberNoFireplace	11.02	0.00
tblFireplaces	NumberWood	124.94	0.00
tblFireplaces	NumberWood	5.51	0.00
tblLandUse	LandUseSquareFeet	59,360.00	59,362.10
tblLandUse	LandUseSquareFeet	182,340.00	182,336.90
tblLandUse	LandUseSquareFeet	526,200.00	526,197.20
tblLandUse	LandUseSquareFeet	821,400.00	821,395.30
tblLandUse	LandUseSquareFeet	968,850.00	968,847.80
tblLandUse	LandUseSquareFeet	198,396.00	198,401.22
tblLandUse	LandUseSquareFeet	31,310.00	31,314.90
tblLandUse	LandUseSquareFeet	118,350.00	118,348.70

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

tblLandUse	LandUseSquareFeet	159,610.00	159,611.10
tblLandUse	LotAcreage	1.36	4.65
tblLandUse	LotAcreage	4.80	7.83
tblLandUse	LotAcreage	13.85	14.58
tblLandUse	LotAcreage	21.62	84.70
tblLandUse	LotAcreage	25.50	84.59
tblLandUse	LotAcreage	35.79	73.30
tblLandUse	LotAcreage	0.72	5.77
tblLandUse	LotAcreage	2.72	21.81
tblLandUse	LotAcreage	3.66	29.42
tblTripsAndVMT	WorkerTripNumber	1,957.00	1,996.00
tblTripsAndVMT	WorkerTripNumber	391.00	399.00
tblVehicleTrips	CC_TL	8.40	6.30
tblVehicleTrips	CNW_TL	6.90	6.30
tblVehicleTrips	CW_TL	16.60	6.30
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	46.12	0.00
tblVehicleTrips	ST_TR	9.54	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	21.10	0.00
tblVehicleTrips	SU_TR	8.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	33.98	519.34
tblVehicleTrips	WD_TR	37.75	0.00
tblVehicleTrips	WD_TR	9.44	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	162,806,227.68	162,805,576.14

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

tblWater	OutdoorWaterUseRate	102,638,708.76	102,638,298.00
tblWoodstoves	NumberCatalytic	124.94	0.00
tblWoodstoves	NumberCatalytic	5.51	0.00
tblWoodstoves	NumberNoncatalytic	124.94	0.00
tblWoodstoves	NumberNoncatalytic	5.51	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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
Year	lb/day										lb/day					
2023	17.9191	55.7065	117.4426	0.3475	29.1100	1.9905	31.1005	7.7695	1.8652	9.6347	0.0000	35,136.31 14	35,136.31 14	2.4316	1.5614	35,662.38 30
2024	17.1456	53.5098	112.1746	0.3404	29.1100	1.8500	30.9600	7.7695	1.7316	9.5011	0.0000	34,409.38 06	34,409.38 06	2.3660	1.5041	34,916.75 51
2025	17.1273	58.8889	113.7387	0.3557	48.8005	1.9192	50.6755	17.8808	1.7839	19.6241	0.0000	35,860.43 48	35,860.43 48	3.2005	1.4478	36,371.87 77
2026	16.6251	58.3276	109.4659	0.3481	38.3694	1.9122	40.2817	11.4381	1.7775	13.2156	0.0000	35,084.74 74	35,084.74 74	3.1506	1.3970	35,579.81 46
2027	16.1633	57.8386	105.8053	0.3411	38.3694	1.9047	40.2741	11.4381	1.7705	13.2086	0.0000	34,368.64 73	34,368.64 73	3.1065	1.3507	34,848.82 25
2028	15.7355	57.4351	102.7471	0.3348	38.3694	1.8970	40.2664	11.4381	1.7634	13.2015	0.0000	33,723.24 60	33,723.24 60	3.0689	1.3095	34,190.20 03
2029	13.3251	37.7165	88.2174	0.2895	29.1099	1.1772	30.2871	7.7695	1.1012	8.8707	0.0000	29,303.41 24	29,303.41 24	1.8050	1.2720	29,727.58 34
2030	13.3123	31.1285	87.2820	0.2937	29.1099	0.6720	29.7819	7.7695	0.6613	8.4308	0.0000	29,575.64 56	29,575.64 56	0.6975	1.2395	29,962.44 25
2031	11.5206	23.7660	69.4250	0.2602	28.9422	0.3338	29.2760	7.7250	0.3236	8.0486	0.0000	26,365.10 16	26,365.10 16	0.5455	1.2084	26,738.85 33
2032	11.1875	23.5448	67.7216	0.2563	28.9422	0.3283	29.2704	7.7250	0.3185	8.0435	0.0000	25,960.38 69	25,960.38 69	0.5222	1.1839	26,326.24 58
2033	10.8921	23.3631	66.2632	0.2528	28.9422	0.3233	29.2654	7.7250	0.3139	8.0389	0.0000	25,604.61 18	25,604.61 18	0.5020	1.1630	25,963.74 54
2034	10.6281	23.2033	64.9586	0.2497	28.9422	0.3186	29.2608	7.7250	0.3096	8.0346	0.0000	25,290.14 54	25,290.14 54	0.4838	1.1449	25,643.40 77
2035	10.2908	22.2010	63.8138	0.2471	28.9422	0.2462	29.1884	7.7250	0.2376	7.9626	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2036	10.2908	22.2010	63.8138	0.2471	28.9422	0.2462	29.1884	7.7250	0.2376	7.9626	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2037	10.2908	22.2010	63.8138	0.2471	28.9422	0.2462	29.1884	7.7250	0.2376	7.9626	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2038	10.2908	22.2010	63.8138	0.2471	28.9422	0.2462	29.1884	7.7250	0.2376	7.9626	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2039	10.2908	22.2010	63.8138	0.2471	28.9422	0.2462	29.1884	7.7250	0.2376	7.9626	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2040	9.4145	21.5276	60.1650	0.2383	28.9421	0.2130	29.1551	7.7250	0.2055	7.9304	0.0000	24,110.16 80	24,110.16 80	0.3988	1.0810	24,442.28 07
Maximum	17.9191	58.8889	117.4426	0.3557	48.8005	1.9905	50.6755	17.8808	1.8652	19.6241	0.0000	35,860.43 48	35,860.43 48	3.2005	1.5614	36,371.87 77

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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
Year	lb/day										lb/day					
2023	14.7054	22.9009	122.3166	0.3475	29.1100	0.3288	29.4388	7.7695	0.3144	8.0839	0.0000	35,136.31 13	35,136.31 13	2.4316	1.5614	35,662.38 30
2024	14.0693	22.3358	117.0628	0.3404	29.1100	0.3220	29.4320	7.7695	0.3080	8.0775	0.0000	34,409.38 06	34,409.38 06	2.3660	1.5041	34,916.75 51
2025	13.8068	22.9943	121.8056	0.3557	36.4264	0.3555	36.7424	11.5214	0.3420	11.8238	0.0000	35,860.43 48	35,860.43 48	3.2005	1.4478	36,371.87 77
2026	13.3047	22.4330	117.5328	0.3481	32.5758	0.3486	32.9243	9.1380	0.3356	9.4737	0.0000	35,084.74 74	35,084.74 74	3.1506	1.3970	35,579.81 46
2027	12.8429	21.9441	113.8722	0.3411	32.5757	0.3410	32.9167	9.1380	0.3286	9.4667	0.0000	34,368.64 73	34,368.64 73	3.1065	1.3507	34,848.82 25
2028	12.4151	21.5405	110.8141	0.3348	32.5757	0.3333	32.9090	9.1380	0.3216	9.4596	0.0000	33,723.24 60	33,723.24 60	3.0689	1.3095	34,190.20 03
2029	11.5097	19.0985	92.3340	0.2895	29.1099	0.2618	29.3717	7.7695	0.2506	8.0200	0.0000	29,303.41 24	29,303.41 24	1.8050	1.2720	29,727.58 34
2030	11.1259	18.7962	90.0661	0.2937	29.1099	0.2551	29.3650	7.7695	0.2444	8.0139	0.0000	29,575.64 56	29,575.64 56	0.6975	1.2395	29,962.44 24
2031	10.4382	17.3386	70.7629	0.2602	28.9422	0.2101	29.1523	7.7250	0.1999	7.9249	0.0000	26,365.10 16	26,365.10 16	0.5455	1.2084	26,738.85 33
2032	10.1051	17.1173	69.0595	0.2563	28.9422	0.2046	29.1467	7.7250	0.1949	7.9198	0.0000	25,960.38 69	25,960.38 69	0.5222	1.1839	26,326.24 58
2033	9.8097	16.9356	67.6012	0.2528	28.9422	0.1996	29.1417	7.7250	0.1903	7.9152	0.0000	25,604.61 18	25,604.61 18	0.5020	1.1630	25,963.74 54
2034	9.5457	16.7758	66.2966	0.2497	28.9422	0.1949	29.1371	7.7250	0.1859	7.9109	0.0000	25,290.14 54	25,290.14 54	0.4838	1.1449	25,643.40 77
2035	9.3136	16.6454	65.1944	0.2471	28.9422	0.1907	29.1328	7.7250	0.1820	7.9070	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2036	9.3136	16.6454	65.1944	0.2471	28.9422	0.1907	29.1328	7.7250	0.1820	7.9070	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2037	9.3136	16.6454	65.1944	0.2471	28.9422	0.1907	29.1328	7.7250	0.1820	7.9070	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2038	9.3136	16.6454	65.1944	0.2471	28.9422	0.1907	29.1328	7.7250	0.1820	7.9070	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2039	9.3136	16.6454	65.1944	0.2471	28.9422	0.1907	29.1328	7.7250	0.1820	7.9070	0.0000	25,015.14 61	25,015.14 61	0.4587	1.1296	25,363.21 67
2040	8.4602	16.2737	61.5469	0.2383	28.9421	0.1766	29.1187	7.7250	0.1691	7.8940	0.0000	24,110.16 80	24,110.16 80	0.3988	1.0810	24,442.28 07
Maximum	14.7054	22.9943	122.3166	0.3557	36.4264	0.3555	36.7424	11.5214	0.3420	11.8238	0.0000	35,860.43 48	35,860.43 48	3.2005	1.5614	36,371.87 77

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Energy	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Mobile	35.7604	43.3976	307.9034	0.6193	87.6026	0.3693	87.9719	23.3501	0.3461	23.6962		63,187.05 12	63,187.05 12	4.1305	3.7922	64,420.39 55
Total	109.6166	55.9700	526.6375	0.6950	87.6026	2.3784	89.9810	23.3501	2.3552	25.7053	0.0000	76,448.13 92	76,448.13 92	4.7464	4.0282	77,767.21 17

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	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Energy	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Mobile	35.7604	43.3976	307.9034	0.6193	87.6026	0.3693	87.9719	23.3501	0.3461	23.6962		63,187.05 12	63,187.05 12	4.1305	3.7922	64,420.39 55
Total	109.6166	55.9700	526.6375	0.6950	87.6026	2.3784	89.9810	23.3501	2.3552	25.7053	0.0000	76,448.13 92	76,448.13 92	4.7464	4.0282	77,767.21 17

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

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	7/1/2023	1/10/2025	5	400	
2	Building Construction	Building Construction	7/1/2023	12/31/2040	5	4566	
3	Architectural Coating	Architectural Coating	7/1/2023	12/31/2040	5	4566	
4	Site Preparation	Site Preparation	1/11/2025	12/12/2025	5	240	
5	Grading	Grading	12/13/2025	4/28/2028	5	620	
6	Paving	Paving	4/29/2028	1/4/2030	5	440	

Acres of Grading (Site Preparation Phase): 360

Acres of Grading (Grading Phase): 1860

Acres of Paving: 0

Residential Indoor: 5,461,786; Residential Outdoor: 1,820,595; Non-Residential Indoor: 552,955; Non-Residential Outdoor: 184,318; 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

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
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	0.00	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	1,996.00	339.00	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	399.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

Water Exposed Area

Water Unpaved Roads

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					
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		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216
Total	0.0565	0.0372	0.4643	1.3600e-003	0.1677	8.3000e-004	0.1685	0.0445	7.6000e-004	0.0452		137.1216	137.1216	3.6600e-003	3.7200e-003	138.3216

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					
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600
Total	0.0526	0.0330	0.4321	1.3200e-003	0.1677	7.9000e-004	0.1685	0.0445	7.3000e-004	0.0452		133.1498	133.1498	3.3200e-003	3.4500e-003	134.2600

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					
Off-Road	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606
Total	2.0926	19.1966	19.4184	0.0388		0.8528	0.8528		0.7920	0.7920		3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606
Total	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.5996	3,747.5996	1.0464		3,773.7606

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460
Total	0.0490	0.0294	0.4008	1.2700e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		128.6152	128.6152	3.0000e-003	3.2100e-003	129.6460

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3692	12.5595	5.1434	0.0608	2.1719	0.0897	2.2616	0.6254	0.0858	0.7112		6,521.804 1	6,521.804 1	0.1687	0.9638	6,813.217 6
Worker	7.5134	4.9483	61.7855	0.1805	22.3106	0.1099	22.4205	5.9169	0.1012	6.0180		18,246.31 00	18,246.31 00	0.4877	0.4949	18,405.99 56
Total	7.8826	17.5078	66.9289	0.2413	24.4825	0.1996	24.6821	6.5423	0.1870	6.7293		24,768.11 41	24,768.11 41	0.6564	1.4587	25,219.21 33

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
Total	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3692	12.5595	5.1434	0.0608	2.1719	0.0897	2.2616	0.6254	0.0858	0.7112		6,521.804 1	6,521.804 1	0.1687	0.9638	6,813.217 6
Worker	7.5134	4.9483	61.7855	0.1805	22.3106	0.1099	22.4205	5.9169	0.1012	6.0180		18,246.31 00	18,246.31 00	0.4877	0.4949	18,405.99 56
Total	7.8826	17.5078	66.9289	0.2413	24.4825	0.1996	24.6821	6.5423	0.1870	6.7293		24,768.11 41	24,768.11 41	0.6564	1.4587	25,219.21 33

3.3 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3599	12.6697	5.0591	0.0600	2.1719	0.0883	2.2602	0.6254	0.0845	0.7099		6,432.0833	6,432.0833	0.1635	0.9503	6,719.3668
Worker	6.9942	4.3890	57.5040	0.1753	22.3106	0.1054	22.4160	5.9169	0.0970	6.0139		17,717.7944	17,717.7944	0.4421	0.4587	17,865.5267
Total	7.3542	17.0587	62.5632	0.2353	24.4825	0.1937	24.6762	6.5423	0.1815	6.7238		24,149.8776	24,149.8776	0.6056	1.4090	24,584.8935

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3599	12.6697	5.0591	0.0600	2.1719	0.0883	2.2602	0.6254	0.0845	0.7099		6,432.0833	6,432.0833	0.1635	0.9503	6,719.3668
Worker	6.9942	4.3890	57.5040	0.1753	22.3106	0.1054	22.4160	5.9169	0.0970	6.0139		17,717.7944	17,717.7944	0.4421	0.4587	17,865.5267
Total	7.3542	17.0587	62.5632	0.2353	24.4825	0.1937	24.6762	6.5423	0.1815	6.7238		24,149.8776	24,149.8776	0.6056	1.4090	24,584.8935

3.3 Building Construction - 2025

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3524	12.5949	4.9808	0.0588	2.1718	0.0882	2.2600	0.6254	0.0844	0.7098		6,307.1816	6,307.1816	0.1588	0.9313	6,588.6845
Worker	6.5217	3.9143	53.3367	0.1693	22.3106	0.1000	22.4106	5.9169	0.0921	6.0089		17,114.3977	17,114.3977	0.3986	0.4268	17,251.5577
Total	6.8741	16.5092	58.3174	0.2281	24.4824	0.1882	24.6706	6.5423	0.1764	6.7187		23,421.5793	23,421.5793	0.5574	1.3582	23,840.2421

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3524	12.5949	4.9808	0.0588	2.1718	0.0882	2.2600	0.6254	0.0844	0.7098		6,307.1816	6,307.1816	0.1588	0.9313	6,588.6845
Worker	6.5217	3.9143	53.3367	0.1693	22.3106	0.1000	22.4106	5.9169	0.0921	6.0089		17,114.3977	17,114.3977	0.3986	0.4268	17,251.5577
Total	6.8741	16.5092	58.3174	0.2281	24.4824	0.1882	24.6706	6.5423	0.1764	6.7187		23,421.5793	23,421.5793	0.5574	1.3582	23,840.2421

3.3 Building Construction - 2026

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3457	12.5027	4.9153	0.0577	2.1718	0.0877	2.2595	0.6254	0.0839	0.7092		6,181.9564	6,181.9564	0.1539	0.9123	6,457.6542
Worker	6.1122	3.5265	49.8593	0.1640	22.3106	0.0947	22.4053	5.9169	0.0872	6.0041		16,576.7900	16,576.7900	0.3614	0.4006	16,705.2133
Total	6.4579	16.0292	54.7745	0.2217	24.4824	0.1824	24.6648	6.5422	0.1710	6.7133		22,758.7465	22,758.7465	0.5152	1.3129	23,162.8675

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3457	12.5027	4.9153	0.0577	2.1718	0.0877	2.2595	0.6254	0.0839	0.7092		6,181.9564	6,181.9564	0.1539	0.9123	6,457.6542
Worker	6.1122	3.5265	49.8593	0.1640	22.3106	0.0947	22.4053	5.9169	0.0872	6.0041		16,576.7900	16,576.7900	0.3614	0.4006	16,705.2133
Total	6.4579	16.0292	54.7745	0.2217	24.4824	0.1824	24.6648	6.5422	0.1710	6.7133		22,758.7465	22,758.7465	0.5152	1.3129	23,162.8675

3.3 Building Construction - 2027

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3400	12.4098	4.8591	0.0565	2.1718	0.0871	2.2589	0.6254	0.0833	0.7087		6,051.3428	6,051.3428	0.1487	0.8926	6,321.0485
Worker	5.7352	3.1992	46.8802	0.1592	22.3106	0.0890	22.3996	5.9169	0.0819	5.9987		16,092.8849	16,092.8849	0.3292	0.3787	16,213.9523
Total	6.0752	15.6090	51.7393	0.2157	24.4824	0.1760	24.6584	6.5422	0.1652	6.7074		22,144.2277	22,144.2277	0.4779	1.2712	22,535.0008

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3400	12.4098	4.8591	0.0565	2.1718	0.0871	2.2589	0.6254	0.0833	0.7087		6,051.3428	6,051.3428	0.1487	0.8926	6,321.0485
Worker	5.7352	3.1992	46.8802	0.1592	22.3106	0.0890	22.3996	5.9169	0.0819	5.9987		16,092.8849	16,092.8849	0.3292	0.3787	16,213.9523
Total	6.0752	15.6090	51.7393	0.2157	24.4824	0.1760	24.6584	6.5422	0.1652	6.7074		22,144.2277	22,144.2277	0.4779	1.2712	22,535.0008

3.3 Building Construction - 2028

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3353	12.3386	4.8147	0.0553	2.1718	0.0866	2.2583	0.6254	0.0828	0.7082		5,926.5715	5,926.5715	0.1446	0.8736	6,190.5050
Worker	5.3855	2.9245	44.3893	0.1550	22.3106	0.0830	22.3936	5.9169	0.0764	5.9933		15,662.5836	15,662.5836	0.3015	0.3603	15,777.4948
Total	5.7208	15.2631	49.2041	0.2103	24.4824	0.1696	24.6520	6.5422	0.1592	6.7014		21,589.1551	21,589.1551	0.4461	1.2339	21,967.9998

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3353	12.3386	4.8147	0.0553	2.1718	0.0866	2.2583	0.6254	0.0828	0.7082		5,926.5715	5,926.5715	0.1446	0.8736	6,190.5050
Worker	5.3855	2.9245	44.3893	0.1550	22.3106	0.0830	22.3936	5.9169	0.0764	5.9933		15,662.5836	15,662.5836	0.3015	0.3603	15,777.4948
Total	5.7208	15.2631	49.2041	0.2103	24.4824	0.1696	24.6520	6.5422	0.1592	6.7014		21,589.1551	21,589.1551	0.4461	1.2339	21,967.9998

3.3 Building Construction - 2029

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3312	12.2742	4.7758	0.0542	2.1718	0.0861	2.2579	0.6254	0.0824	0.7077		5,809.7108	5,809.7108	0.1404	0.8557	6,068.2259
Worker	5.0487	2.6879	42.2141	0.1512	22.3106	0.0775	22.3880	5.9169	0.0713	5.9881		15,279.7809	15,279.7809	0.2772	0.3447	15,389.4414
Total	5.3799	14.9622	46.9898	0.2054	24.4823	0.1636	24.6459	6.5422	0.1536	6.6959		21,089.4917	21,089.4917	0.4176	1.2005	21,457.6673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.3278	2.2347	17.4603	0.0270		0.0408	0.0408		0.0408	0.0408	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3312	12.2742	4.7758	0.0542	2.1718	0.0861	2.2579	0.6254	0.0824	0.7077		5,809.7108	5,809.7108	0.1404	0.8557	6,068.2259
Worker	5.0487	2.6879	42.2141	0.1512	22.3106	0.0775	22.3880	5.9169	0.0713	5.9881		15,279.7809	15,279.7809	0.2772	0.3447	15,389.4414
Total	5.3799	14.9622	46.9898	0.2054	24.4823	0.1636	24.6459	6.5422	0.1536	6.6959		21,089.4917	21,089.4917	0.4176	1.2005	21,457.6673

3.3 Building Construction - 2030

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3280	12.2164	4.7455	0.0532	2.1718	0.0857	2.2574	0.6254	0.0820	0.7073		5,700.8869	5,700.8869	0.1365	0.8391	5,954.3535
Worker	4.7335	2.4855	40.3608	0.1478	22.3106	0.0723	22.3829	5.9169	0.0665	5.9834		14,940.3889	14,940.3889	0.2558	0.3316	15,045.5938
Total	5.0615	14.7018	45.1064	0.2010	24.4823	0.1580	24.6403	6.5422	0.1485	6.6907		20,641.2758	20,641.2758	0.3923	1.1707	20,999.9473

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3280	12.2164	4.7455	0.0532	2.1718	0.0857	2.2574	0.6254	0.0820	0.7073		5,700.8869	5,700.8869	0.1365	0.8391	5,954.3535
Worker	4.7335	2.4855	40.3608	0.1478	22.3106	0.0723	22.3829	5.9169	0.0665	5.9834		14,940.3889	14,940.3889	0.2558	0.3316	15,045.5938
Total	5.0615	14.7018	45.1064	0.2010	24.4823	0.1580	24.6403	6.5422	0.1485	6.6907		20,641.2758	20,641.2758	0.3923	1.1707	20,999.9473

3.3 Building Construction - 2031

Unmitigated Construction On-Site

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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3254	12.2066	4.7322	0.0523	2.1717	0.0837	2.2555	0.6253	0.0801	0.7054		5,602.748 4	5,602.748 4	0.1331	0.8240	5,851.617 6
Worker	4.4259	2.3073	38.9517	0.1450	22.3106	0.0680	22.3786	5.9169	0.0626	5.9794		14,654.02 23	14,654.02 23	0.2373	0.3204	14,755.44 05
Total	4.7513	14.5139	43.6838	0.1973	24.4823	0.1517	24.6341	6.5422	0.1427	6.6849		20,256.77 07	20,256.77 07	0.3704	1.1444	20,607.05 81

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3254	12.2066	4.7322	0.0523	2.1717	0.0837	2.2555	0.6253	0.0801	0.7054		5,602.748 4	5,602.748 4	0.1331	0.8240	5,851.617 6
Worker	4.4259	2.3073	38.9517	0.1450	22.3106	0.0680	22.3786	5.9169	0.0626	5.9794		14,654.02 23	14,654.02 23	0.2373	0.3204	14,755.44 05
Total	4.7513	14.5139	43.6838	0.1973	24.4823	0.1517	24.6341	6.5422	0.1427	6.6849		20,256.77 07	20,256.77 07	0.3704	1.1444	20,607.05 81

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3238	12.1644	4.7226	0.0515	2.1717	0.0834	2.2552	0.6253	0.0798	0.7052		5,516.536 2	5,516.536 2	0.1299	0.8107	5,761.374 8
Worker	4.1496	2.1581	37.5400	0.1424	22.3106	0.0637	22.3742	5.9169	0.0586	5.9754		14,388.58 14	14,388.58 14	0.2207	0.3110	14,486.78 07
Total	4.4735	14.3225	42.2626	0.1939	24.4823	0.1471	24.6294	6.5422	0.1384	6.6806		19,905.11 76	19,905.11 76	0.3505	1.1217	20,248.15 56

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3238	12.1644	4.7226	0.0515	2.1717	0.0834	2.2552	0.6253	0.0798	0.7052		5,516.536 2	5,516.536 2	0.1299	0.8107	5,761.374 8
Worker	4.1496	2.1581	37.5400	0.1424	22.3106	0.0637	22.3742	5.9169	0.0586	5.9754		14,388.58 14	14,388.58 14	0.2207	0.3110	14,486.78 07
Total	4.4735	14.3225	42.2626	0.1939	24.4823	0.1471	24.6294	6.5422	0.1384	6.6806		19,905.11 76	19,905.11 76	0.3505	1.1217	20,248.15 56

3.3 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		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3229	12.1305	4.7196	0.0508	2.1717	0.0832	2.2549	0.6253	0.0796	0.7049		5,440.9895	5,440.9895	0.1271	0.7991	5,682.3097
Worker	3.9043	2.0349	36.3271	0.1400	22.3106	0.0597	22.3703	5.9169	0.0549	5.9718		14,155.0382	14,155.0382	0.2061	0.3033	14,250.5650
Total	4.2271	14.1654	41.0467	0.1909	24.4823	0.1429	24.6252	6.5422	0.1345	6.6767		19,596.0277	19,596.0277	0.3331	1.1024	19,932.8746

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3229	12.1305	4.7196	0.0508	2.1717	0.0832	2.2549	0.6253	0.0796	0.7049		5,440.9895	5,440.9895	0.1271	0.7991	5,682.3097
Worker	3.9043	2.0349	36.3271	0.1400	22.3106	0.0597	22.3703	5.9169	0.0549	5.9718		14,155.0382	14,155.0382	0.2061	0.3033	14,250.5650
Total	4.2271	14.1654	41.0467	0.1909	24.4823	0.1429	24.6252	6.5422	0.1345	6.6767		19,596.0277	19,596.0277	0.3331	1.1024	19,932.8746

3.3 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

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3221	12.0937	4.7187	0.0502	2.1717	0.0829	2.2546	0.6253	0.0793	0.7046		5,372.973 1	5,372.973 1	0.1246	0.7887	5,611.119 7
Worker	3.6848	1.9324	35.2407	0.1380	22.3106	0.0561	22.3667	5.9169	0.0516	5.9685		13,949.64 60	13,949.64 60	0.1930	0.2968	14,042.92 45
Total	4.0070	14.0261	39.9593	0.1882	24.4823	0.1389	24.6212	6.5422	0.1309	6.6731		19,322.61 91	19,322.61 91	0.3176	1.0855	19,654.04 42

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3221	12.0937	4.7187	0.0502	2.1717	0.0829	2.2546	0.6253	0.0793	0.7046		5,372.973 1	5,372.973 1	0.1246	0.7887	5,611.119 7
Worker	3.6848	1.9324	35.2407	0.1380	22.3106	0.0561	22.3667	5.9169	0.0516	5.9685		13,949.64 60	13,949.64 60	0.1930	0.2968	14,042.92 45
Total	4.0070	14.0261	39.9593	0.1882	24.4823	0.1389	24.6212	6.5422	0.1309	6.6731		19,322.61 91	19,322.61 91	0.3176	1.0855	19,654.04 42

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

3.3 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		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3214	12.0582	4.7182	0.0497	2.1717	0.0825	2.2542	0.6253	0.0789	0.7043		5,312.643 2	5,312.643 2	0.1224	0.7794	5,547.974 5
Worker	3.4920	1.8533	34.3225	0.1362	22.3106	0.0528	22.3634	5.9169	0.0486	5.9655		13,770.74 00	13,770.74 00	0.1817	0.2918	13,862.23 21
Total	3.8134	13.9115	39.0407	0.1859	24.4823	0.1354	24.6176	6.5422	0.1276	6.6698		19,083.38 31	19,083.38 31	0.3040	1.0712	19,410.20 65

3.3 Building Construction - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
Total	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3209	11.9776	4.7246	0.0478	2.1717	0.0818	2.2535	0.6253	0.0783	0.7036		5,108.3348	5,108.3348	0.1132	0.7486	5,334.2313
Worker	2.7812	1.6107	31.2774	0.1305	22.3106	0.0417	22.3523	5.9169	0.0384	5.9553		13,186.7994	13,186.7994	0.1430	0.2771	13,272.9445
Total	3.1021	13.5883	36.0019	0.1783	24.4823	0.1235	24.6058	6.5422	0.1166	6.6588		18,295.1342	18,295.1342	0.2562	1.0256	18,607.1758

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
Total	0.3278	2.2347	17.4603	0.0310		0.0408	0.0408		0.0408	0.0408	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Building Construction - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3209	11.9776	4.7246	0.0478	2.1717	0.0818	2.2535	0.6253	0.0783	0.7036		5,108.3348	5,108.3348	0.1132	0.7486	5,334.2313
Worker	2.7812	1.6107	31.2774	0.1305	22.3106	0.0417	22.3523	5.9169	0.0384	5.9553		13,186.7994	13,186.7994	0.1430	0.2771	13,272.9445
Total	3.1021	13.5883	36.0019	0.1783	24.4823	0.1235	24.6058	6.5422	0.1166	6.6588		18,295.1342	18,295.1342	0.2562	1.0256	18,607.1758

3.4 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	4.4446					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	4.6363	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5019	0.9892	12.3509	0.0361	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		3,647.433 7	3,647.433 7	0.0975	0.0989	3,679.354 8
Total	1.5019	0.9892	12.3509	0.0361	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		3,647.433 7	3,647.433 7	0.0975	0.0989	3,679.354 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5019	0.9892	12.3509	0.0361	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		3,647.4337	3,647.4337	0.0975	0.0989	3,679.3548
Total	1.5019	0.9892	12.3509	0.0361	4.4599	0.0220	4.4819	1.1828	0.0202	1.2030		3,647.4337	3,647.4337	0.0975	0.0989	3,679.3548

3.4 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	4.4446					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	4.6254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3981	0.8774	11.4950	0.0350	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,541.783 5	3,541.783 5	0.0884	0.0917	3,571.315 2
Total	1.3981	0.8774	11.4950	0.0350	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,541.783 5	3,541.783 5	0.0884	0.0917	3,571.315 2

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3981	0.8774	11.4950	0.0350	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,541.783 5	3,541.783 5	0.0884	0.0917	3,571.315 2
Total	1.3981	0.8774	11.4950	0.0350	4.4599	0.0211	4.4810	1.1828	0.0194	1.2022		3,541.783 5	3,541.783 5	0.0884	0.0917	3,571.315 2

3.4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3037	0.7825	10.6620	0.0339	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,421.1647	3,421.1647	0.0797	0.0853	3,448.5829
Total	1.3037	0.7825	10.6620	0.0339	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,421.1647	3,421.1647	0.0797	0.0853	3,448.5829

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3037	0.7825	10.6620	0.0339	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,421.1647	3,421.1647	0.0797	0.0853	3,448.5829
Total	1.3037	0.7825	10.6620	0.0339	4.4599	0.0200	4.4799	1.1828	0.0184	1.2012		3,421.1647	3,421.1647	0.0797	0.0853	3,448.5829

3.4 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2218	0.7049	9.9669	0.0328	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,313.6970	3,313.6970	0.0722	0.0801	3,339.3688
Total	1.2218	0.7049	9.9669	0.0328	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,313.6970	3,313.6970	0.0722	0.0801	3,339.3688

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2218	0.7049	9.9669	0.0328	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,313.6970	3,313.6970	0.0722	0.0801	3,339.3688
Total	1.2218	0.7049	9.9669	0.0328	4.4599	0.0189	4.4788	1.1828	0.0174	1.2002		3,313.6970	3,313.6970	0.0722	0.0801	3,339.3688

3.4 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1465	0.6395	9.3714	0.0318	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,216.9645	3,216.9645	0.0658	0.0757	3,241.1658
Total	1.1465	0.6395	9.3714	0.0318	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,216.9645	3,216.9645	0.0658	0.0757	3,241.1658

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1465	0.6395	9.3714	0.0318	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,216.9645	3,216.9645	0.0658	0.0757	3,241.1658
Total	1.1465	0.6395	9.3714	0.0318	4.4599	0.0178	4.4777	1.1828	0.0164	1.1992		3,216.9645	3,216.9645	0.0658	0.0757	3,241.1658

3.4 Architectural Coating - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0766	0.5846	8.8734	0.0310	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,130.947 3	3,130.947 3	0.0603	0.0720	3,153.918 1
Total	1.0766	0.5846	8.8734	0.0310	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,130.947 3	3,130.947 3	0.0603	0.0720	3,153.918 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0766	0.5846	8.8734	0.0310	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,130.947 3	3,130.947 3	0.0603	0.0720	3,153.918 1
Total	1.0766	0.5846	8.8734	0.0310	4.4599	0.0166	4.4765	1.1828	0.0153	1.1981		3,130.947 3	3,130.947 3	0.0603	0.0720	3,153.918 1

3.4 Architectural Coating - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.6155	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0092	0.5373	8.4386	0.0302	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,054.425 1	3,054.425 1	0.0554	0.0689	3,076.346 3
Total	1.0092	0.5373	8.4386	0.0302	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,054.425 1	3,054.425 1	0.0554	0.0689	3,076.346 3

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0092	0.5373	8.4386	0.0302	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,054.425 1	3,054.425 1	0.0554	0.0689	3,076.346 3
Total	1.0092	0.5373	8.4386	0.0302	4.4599	0.0155	4.4754	1.1828	0.0143	1.1970		3,054.425 1	3,054.425 1	0.0554	0.0689	3,076.346 3

3.4 Architectural Coating - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9462	0.4968	8.0681	0.0296	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		2,986.5807	2,986.5807	0.0511	0.0663	3,007.6112
Total	0.9462	0.4968	8.0681	0.0296	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		2,986.5807	2,986.5807	0.0511	0.0663	3,007.6112

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.9462	0.4968	8.0681	0.0296	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		2,986.580 7	2,986.580 7	0.0511	0.0663	3,007.611 2
Total	0.9462	0.4968	8.0681	0.0296	4.4599	0.0145	4.4743	1.1828	0.0133	1.1961		2,986.580 7	2,986.580 7	0.0511	0.0663	3,007.611 2

3.4 Architectural Coating - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8847	0.4612	7.7864	0.0290	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		2,929.336 1	2,929.336 1	0.0474	0.0641	2,949.609 6
Total	0.8847	0.4612	7.7864	0.0290	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		2,929.336 1	2,929.336 1	0.0474	0.0641	2,949.609 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8847	0.4612	7.7864	0.0290	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		2,929.336 1	2,929.336 1	0.0474	0.0641	2,949.609 6
Total	0.8847	0.4612	7.7864	0.0290	4.4599	0.0136	4.4735	1.1828	0.0125	1.1953		2,929.336 1	2,929.336 1	0.0474	0.0641	2,949.609 6

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8295	0.4314	7.5042	0.0285	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		2,876.274 5	2,876.274 5	0.0441	0.0622	2,895.904 6
Total	0.8295	0.4314	7.5042	0.0285	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		2,876.274 5	2,876.274 5	0.0441	0.0622	2,895.904 6

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8295	0.4314	7.5042	0.0285	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		2,876.274 5	2,876.274 5	0.0441	0.0622	2,895.904 6
Total	0.8295	0.4314	7.5042	0.0285	4.4599	0.0127	4.4726	1.1828	0.0117	1.1945		2,876.274 5	2,876.274 5	0.0441	0.0622	2,895.904 6

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7805	0.4068	7.2618	0.0280	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		2,829.589 3	2,829.589 3	0.0412	0.0606	2,848.685 1
Total	0.7805	0.4068	7.2618	0.0280	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		2,829.589 3	2,829.589 3	0.0412	0.0606	2,848.685 1

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7805	0.4068	7.2618	0.0280	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		2,829.589 3	2,829.589 3	0.0412	0.0606	2,848.685 1
Total	0.7805	0.4068	7.2618	0.0280	4.4599	0.0119	4.4718	1.1828	0.0110	1.1938		2,829.589 3	2,829.589 3	0.0412	0.0606	2,848.685 1

3.4 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.5754	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7366	0.3863	7.0446	0.0276	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		2,788.5315	2,788.5315	0.0386	0.0593	2,807.1778
Total	0.7366	0.3863	7.0446	0.0276	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		2,788.5315	2,788.5315	0.0386	0.0593	2,807.1778

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0114		281.7328

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.7366	0.3863	7.0446	0.0276	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		2,788.5315	2,788.5315	0.0386	0.0593	2,807.1778
Total	0.7366	0.3863	7.0446	0.0276	4.4599	0.0112	4.4711	1.1828	0.0103	1.1931		2,788.5315	2,788.5315	0.0386	0.0593	2,807.1778

3.4 Architectural Coating - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

3.4 Architectural Coating - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

3.4 Architectural Coating - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

3.4 Architectural Coating - 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					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
Total	4.5625	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0104		281.7081

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4
Total	0.6981	0.3705	6.8611	0.0272	4.4599	0.0106	4.4704	1.1828	9.7200e-003	1.1925		2,752.768 2	2,752.768 2	0.0363	0.0583	2,771.057 4

3.4 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	4.5595	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5560	0.3220	6.2523	0.0261	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,636.0386	2,636.0386	0.0286	0.0554	2,653.2589
Total	0.5560	0.3220	6.2523	0.0261	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,636.0386	2,636.0386	0.0286	0.0554	2,653.2589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.4446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	4.4743	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.5560	0.3220	6.2523	0.0261	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,636.0386	2,636.0386	0.0286	0.0554	2,653.2589
Total	0.5560	0.3220	6.2523	0.0261	4.4599	8.3400e-003	4.4682	1.1828	7.6700e-003	1.1905		2,636.0386	2,636.0386	0.0286	0.0554	2,653.2589

3.5 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	19.6570	1.0868	20.7438	10.1025	0.9999	11.1023		3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Site Preparation - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2829	0.0000	7.2829	3.7430	0.0000	3.7430			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.4656	2.0175	20.8690	0.0381	7.2829	0.0621	7.3450	3.7430	0.0621	3.8050	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Site Preparation - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752
Total	0.0588	0.0353	0.4810	1.5300e-003	0.2012	9.0000e-004	0.2021	0.0534	8.3000e-004	0.0542		154.3383	154.3383	3.5900e-003	3.8500e-003	155.5752

3.6 Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613
Total	0.0654	0.0392	0.5344	1.7000e-003	0.2236	1.0000e-003	0.2246	0.0593	9.2000e-004	0.0602		171.4870	171.4870	3.9900e-003	4.2800e-003	172.8613

3.6 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869
Total	0.0612	0.0353	0.4996	1.6400e-003	0.2236	9.5000e-004	0.2245	0.0593	8.7000e-004	0.0602		166.1001	166.1001	3.6200e-003	4.0100e-003	167.3869

3.6 Grading - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645
Total	0.0575	0.0321	0.4697	1.6000e-003	0.2236	8.9000e-004	0.2244	0.0593	8.2000e-004	0.0601		161.2514	161.2514	3.3000e-003	3.7900e-003	162.4645

3.6 Grading - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	9.2036	1.1309	10.3345	3.6538	1.0404	4.6942		6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.4099	0.0000	3.4099	1.3537	0.0000	1.3537			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	0.7616	3.3000	32.9991	0.0621	3.4099	0.1015	3.5115	1.3537	0.1015	1.4553	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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 Grading - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911
Total	0.0540	0.0293	0.4448	1.5500e-003	0.2236	8.3000e-004	0.2244	0.0593	7.7000e-004	0.0601		156.9397	156.9397	3.0200e-003	3.6100e-003	158.0911

3.7 Paving - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684
Total	0.0405	0.0220	0.3336	1.1600e-003	0.1677	6.2000e-004	0.1683	0.0445	5.7000e-004	0.0450		117.7048	117.7048	2.2700e-003	2.7100e-003	118.5684

3.7 Paving - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521
Total	0.0379	0.0202	0.3172	1.1400e-003	0.1677	5.8000e-004	0.1683	0.0445	5.4000e-004	0.0450		114.8280	114.8280	2.0800e-003	2.5900e-003	115.6521

3.7 Paving - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2805	1.2154	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

3.7 Paving - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681
Total	0.0356	0.0187	0.3033	1.1100e-003	0.1677	5.4000e-004	0.1682	0.0445	5.0000e-004	0.0450		112.2775	112.2775	1.9200e-003	2.4900e-003	113.0681

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	35.7604	43.3976	307.9034	0.6193	87.6026	0.3693	87.9719	23.3501	0.3461	23.6962		63,187.05 12	63,187.05 12	4.1305	3.7922	64,420.39 55
Unmitigated	35.7604	43.3976	307.9034	0.6193	87.6026	0.3693	87.9719	23.3501	0.3461	23.6962		63,187.05 12	63,187.05 12	4.1305	3.7922	64,420.39 55

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Apartments Mid Rise	0.00	0.00	0.00		
Government (Civic Center)	30,828.02	0.00	0.00	29,668,580	29,668,580
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Total	30,828.02	0.00	0.00	29,668,580	29,668,580

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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	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 Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Government (Civic Center)	6.30	6.30	6.30	75.00	20.00	5.00	50	34	16
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
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Government (Civic Center)	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Regional Shopping Center	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Single Family Housing	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862
Strip Mall	0.556303	0.059490	0.178460	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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					
Natural Gas Mitigated	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32
Natural Gas Unmitigated	1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.43 29	12,873.43 29	0.2467	0.2360	12,949.93 32

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	20734	0.2236	1.9108	0.8131	0.0122		0.1545	0.1545		0.1545	0.1545		2,439.2902	2,439.2902	0.0468	0.0447	2,453.7857
Apartments Mid Rise	32365.8	0.3490	2.9827	1.2693	0.0190		0.2412	0.2412		0.2412	0.2412		3,807.7404	3,807.7404	0.0730	0.0698	3,830.3679
Apartments Mid Rise	38175.8	0.4117	3.5182	1.4971	0.0225		0.2845	0.2845		0.2845	0.2845		4,491.2701	4,491.2701	0.0861	0.0823	4,517.9595
Apartments Mid Rise	7184.78	0.0775	0.6621	0.2818	4.2300e-003		0.0535	0.0535		0.0535	0.0535		845.2683	845.2683	0.0162	0.0155	850.2913
Government (Civic Center)	557.841	6.0200e-003	0.0547	0.0459	3.3000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003		65.6284	65.6284	1.2600e-003	1.2000e-003	66.0184
Regional Shopping Center	188.747	2.0400e-003	0.0185	0.0155	1.1000e-004		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003		22.2056	22.2056	4.3000e-004	4.1000e-004	22.3375
Single Family Housing	8541.88	0.0921	0.7872	0.3350	5.0200e-003		0.0637	0.0637		0.0637	0.0637		1,004.9272	1,004.9272	0.0193	0.0184	1,010.8989
Strip Mall	713.335	7.6900e-003	0.0699	0.0588	4.2000e-004		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003		83.9217	83.9217	1.6100e-003	1.5400e-003	84.4204
Strip Mall	962.04	0.0104	0.0943	0.0792	5.7000e-004		7.1700e-003	7.1700e-003		7.1700e-003	7.1700e-003		113.1811	113.1811	2.1700e-003	2.0700e-003	113.8537
Total		1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.4329	12,873.4329	0.2467	0.2360	12,949.9332

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	20.734	0.2236	1.9108	0.8131	0.0122		0.1545	0.1545		0.1545	0.1545		2,439.2902	2,439.2902	0.0468	0.0447	2,453.7857
Apartments Mid Rise	32.3658	0.3490	2.9827	1.2693	0.0190		0.2412	0.2412		0.2412	0.2412		3,807.7404	3,807.7404	0.0730	0.0698	3,830.3679
Apartments Mid Rise	38.1758	0.4117	3.5182	1.4971	0.0225		0.2845	0.2845		0.2845	0.2845		4,491.2701	4,491.2701	0.0861	0.0823	4,517.9595
Apartments Mid Rise	7.18478	0.0775	0.6621	0.2818	4.2300e-003		0.0535	0.0535		0.0535	0.0535		845.2683	845.2683	0.0162	0.0155	850.2913
Government (Civic Center)	0.557841	6.0200e-003	0.0547	0.0459	3.3000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003		65.6284	65.6284	1.2600e-003	1.2000e-003	66.0184
Regional Shopping Center	0.188747	2.0400e-003	0.0185	0.0155	1.1000e-004		1.4100e-003	1.4100e-003		1.4100e-003	1.4100e-003		22.2056	22.2056	4.3000e-004	4.1000e-004	22.3375
Single Family Housing	8.54188	0.0921	0.7872	0.3350	5.0200e-003		0.0637	0.0637		0.0637	0.0637		1,004.9272	1,004.9272	0.0193	0.0184	1,010.8989
Strip Mall	0.713335	7.6900e-003	0.0699	0.0588	4.2000e-004		5.3200e-003	5.3200e-003		5.3200e-003	5.3200e-003		83.9217	83.9217	1.6100e-003	1.5400e-003	84.4204
Strip Mall	0.96204	0.0104	0.0943	0.0792	5.7000e-004		7.1700e-003	7.1700e-003		7.1700e-003	7.1700e-003		113.1811	113.1811	2.1700e-003	2.0700e-003	113.8537
Total		1.1801	10.0984	4.3956	0.0644		0.8153	0.8153		0.8153	0.8153		12,873.4329	12,873.4329	0.2467	0.2360	12,949.9332

6.0 Area Detail

6.1 Mitigation Measures Area

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830
Unmitigated	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

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	5.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.7031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4130	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938		387.6551	387.6551	0.3691		396.8830
Total	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-South Coast County, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	60.7031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.4130	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938		387.6551	387.6551	0.3691		396.8830
Total	72.6762	2.4739	214.3385	0.0114		1.1938	1.1938		1.1938	1.1938	0.0000	387.6551	387.6551	0.3691	0.0000	396.8830

7.0 Water Detail

7.1 Mitigation Measures Water

Fontana Downtown Core Project - Reduced Growth Alternative - San Bernardino-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

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	Fuel Consumption	MPG (Derived)
LOS ANGELES	2023	All Other Buses	Aggregated	Aggregated	Diesel	1505.950446	84397.24646	9.155133886	9.22
LOS ANGELES	2023	LDA	Aggregated	Aggregated	Gasoline	3441156.829	137073184.4	4822.80171	28.42
LOS ANGELES	2023	LDA	Aggregated	Aggregated	Diesel	9775.319042	293630.7483	7.379568678	39.79
LOS ANGELES	2023	LDT1	Aggregated	Aggregated	Gasoline	323318.13	11785009.61	496.1919658	23.75
LOS ANGELES	2023	LDT1	Aggregated	Aggregated	Diesel	135.0073317	2742.331596	0.119110541	23.02
LOS ANGELES	2023	LDT2	Aggregated	Aggregated	Gasoline	1558892.967	64432893.96	2789.861614	23.10
LOS ANGELES	2023	LDT2	Aggregated	Aggregated	Diesel	4736.11341	207450.1233	6.743871515	30.76
LOS ANGELES	2023	LHD1	Aggregated	Aggregated	Gasoline	126299.2037	4975895.69	379.0055875	13.13
LOS ANGELES	2023	LHD1	Aggregated	Aggregated	Diesel	54739.29564	2400705.674	118.3713315	20.28
LOS ANGELES	2023	LHD2	Aggregated	Aggregated	Gasoline	19347.35824	720925.6056	62.65613706	11.51
LOS ANGELES	2023	LHD2	Aggregated	Aggregated	Diesel	24418.54186	1058011.592	62.0901808	17.04
LOS ANGELES	2023	MCY	Aggregated	Aggregated	Gasoline	147383.6235	966253.256	23.58957721	40.96
LOS ANGELES	2023	MDV	Aggregated	Aggregated	Gasoline	951501.414	36274737.14	1927.776242	18.82
LOS ANGELES	2023	MDV	Aggregated	Aggregated	Diesel	10934.58248	433864.9185	18.77610629	23.11
LOS ANGELES	2023	MH	Aggregated	Aggregated	Gasoline	16465.34174	159232.4431	32.88431993	4.84
LOS ANGELES	2023	MH	Aggregated	Aggregated	Diesel	5471.272509	56805.35552	5.693791756	9.98
LOS ANGELES	2023	Motor Coach	Aggregated	Aggregated	Diesel	601.3027629	85670.04743	15.57166377	5.50
LOS ANGELES	2023	OBUS	Aggregated	Aggregated	Gasoline	3862.469799	157361.0818	31.49812866	5.00
LOS ANGELES	2023	PTO	Aggregated	Aggregated	Diesel	0	109722.1336	22.42583195	4.89
LOS ANGELES	2023	SBUS	Aggregated	Aggregated	Gasoline	1386.182068	64113.69131	7.169865984	8.94
LOS ANGELES	2023	SBUS	Aggregated	Aggregated	Diesel	2009.952824	41462.26059	5.643690961	7.35
LOS ANGELES	2023	T6 CAIRP Class 4	Aggregated	Aggregated	Diesel	33.2648875	2235.064643	0.24407405	9.16
LOS ANGELES	2023	T6 CAIRP Class 5	Aggregated	Aggregated	Diesel	44.63145468	3066.423389	0.334409735	9.17
LOS ANGELES	2023	T6 CAIRP Class 6	Aggregated	Aggregated	Diesel	140.957309	8007.686239	0.860823619	9.30
LOS ANGELES	2023	T6 CAIRP Class 7	Aggregated	Aggregated	Diesel	243.048554	50222.31824	5.08076527	9.88 MHD
LOS ANGELES	2023	T6 Instate Delivery Class 4	Aggregated	Aggregated	Diesel	3843.555772	129993.1958	14.71647452	8.83 8.875185
LOS ANGELES	2023	T6 Instate Delivery Class 5	Aggregated	Aggregated	Diesel	3870.02439	134091.1708	15.26114824	8.79
LOS ANGELES	2023	T6 Instate Delivery Class 6	Aggregated	Aggregated	Diesel	11896.57491	409689.0258	46.42930572	8.82
LOS ANGELES	2023	T6 Instate Delivery Class 7	Aggregated	Aggregated	Diesel	2972.849583	164197.6206	18.13781815	9.05
LOS ANGELES	2023	T6 Instate Other Class 4	Aggregated	Aggregated	Diesel	4920.940526	203186.1586	23.01738018	8.83
LOS ANGELES	2023	T6 Instate Other Class 5	Aggregated	Aggregated	Diesel	10645.8247	467755.2569	53.15437261	8.80
LOS ANGELES	2023	T6 Instate Other Class 6	Aggregated	Aggregated	Diesel	9674.244554	416504.654	47.21298595	8.82
LOS ANGELES	2023	T6 Instate Other Class 7	Aggregated	Aggregated	Diesel	4288.870958	209237.3295	23.33212444	8.97
LOS ANGELES	2023	T6 Instate Tractor Class 6	Aggregated	Aggregated	Diesel	130.1628238	6827.874069	0.764652434	8.93
LOS ANGELES	2023	T6 Instate Tractor Class 7	Aggregated	Aggregated	Diesel	1650.915321	101480.358	10.70753633	9.48
LOS ANGELES	2023	T6 OOS Class 4	Aggregated	Aggregated	Diesel	19.172258	1276.818624	0.139375601	9.16
LOS ANGELES	2023	T6 OOS Class 5	Aggregated	Aggregated	Diesel	25.61452569	1751.56555	0.190957448	9.17 HHD
LOS ANGELES	2023	T6 OOS Class 6	Aggregated	Aggregated	Diesel	81.15840226	4576.890895	0.491657446	9.31 6.024153
LOS ANGELES	2023	T6 OOS Class 7	Aggregated	Aggregated	Diesel	131.7857191	33279.68812	3.348042719	9.94
LOS ANGELES	2023	T6 Public Class 4	Aggregated	Aggregated	Diesel	720.988197	25366.36132	2.987748213	8.49
LOS ANGELES	2023	T6 Public Class 5	Aggregated	Aggregated	Diesel	498.1383212	17525.40276	2.093776652	8.37
LOS ANGELES	2023	T6 Public Class 6	Aggregated	Aggregated	Diesel	633.4608428	21315.87713	2.567543933	8.30
LOS ANGELES	2023	T6 Public Class 7	Aggregated	Aggregated	Diesel	2700.669346	117329.8212	13.80025804	8.50
LOS ANGELES	2023	T6 Utility Class 5	Aggregated	Aggregated	Diesel	643.0066581	26138.45408	2.825095215	9.25
LOS ANGELES	2023	T6 Utility Class 6	Aggregated	Aggregated	Diesel	121.6714726	4911.193985	0.528541738	9.29
LOS ANGELES	2023	T6 Utility Class 7	Aggregated	Aggregated	Diesel	138.7667106	6819.896527	0.731921941	9.32
LOS ANGELES	2023	T6TS	Aggregated	Aggregated	Gasoline	15250.38261	833770.3377	163.5473006	5.10
LOS ANGELES	2023	T7 CAIRP Class 8	Aggregated	Aggregated	Diesel	6812.078931	1401176.977	228.6736058	6.13
LOS ANGELES	2023	T7 NNOOS Class 8	Aggregated	Aggregated	Diesel	6110.807661	1664646.807	268.8680738	6.19
LOS ANGELES	2023	T7 NOOS Class 8	Aggregated	Aggregated	Diesel	2558.493278	604451.0587	98.82704788	6.12
LOS ANGELES	2023	T7 POAK Class 8	Aggregated	Aggregated	Diesel	1.163143668	108.5424559	0.019311768	5.62
LOS ANGELES	2023	T7 POLA Class 8	Aggregated	Aggregated	Diesel	8353.750169	1090048.692	182.0243764	5.99
LOS ANGELES	2023	T7 Public Class 8	Aggregated	Aggregated	Diesel	3771.88094	150942.5829	26.51866951	5.69
LOS ANGELES	2023	T7 Single Concrete/Transit Mix	Aggregated	Aggregated	Diesel	733.4109344	50716.7385	8.437501351	6.01
LOS ANGELES	2023	T7 Single Dump Class 8	Aggregated	Aggregated	Diesel	2062.500591	122329.8296	20.41095393	5.99
LOS ANGELES	2023	T7 Single Other Class 8	Aggregated	Aggregated	Diesel	5919.760794	341681.5497	56.78331323	6.02
LOS ANGELES	2023	T7 SWCV Class 8	Aggregated	Aggregated	Diesel	1307.448091	84817.85152	32.57189689	2.60
LOS ANGELES	2023	T7 Tractor Class 8	Aggregated	Aggregated	Diesel	13663.14728	1094114.733	178.8678766	6.12
LOS ANGELES	2023	T7 Utility Class 8	Aggregated	Aggregated	Diesel	451.6625508	20758.59889	3.369655662	6.16
LOS ANGELES	2023	T7IS	Aggregated	Aggregated	Gasoline	52.46530595	3245.073125	0.820390033	3.96
LOS ANGELES	2023	UBUS	Aggregated	Aggregated	Gasoline	438.7257597	31153.4128	6.805144169	4.58
LOS ANGELES	2023	UBUS	Aggregated	Aggregated	Diesel	45.07026392	7197.0263	1.176578383	6.12

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2040

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	Fuel Consumption	MPG (Derived)
LOS ANGELES	2040	All Other Buses	Aggregated	Aggregated	Diesel	1586.97399	81266.79839	7.917487092	10.26
LOS ANGELES	2040	LDA	Aggregated	Aggregated	Gasoline	2907306.938	111828980.4	3148.689276	35.52
LOS ANGELES	2040	LDA	Aggregated	Aggregated	Diesel	2094.690839	71300.8486	1.388302696	51.36
LOS ANGELES	2040	LDT1	Aggregated	Aggregated	Gasoline	269893.4263	9749082.346	324.9261944	30.00
LOS ANGELES	2040	LDT1	Aggregated	Aggregated	Diesel	2.662077524	104.0217328	0.003679967	28.27
LOS ANGELES	2040	LDT2	Aggregated	Aggregated	Gasoline	1922359.198	73726734.91	2504.202222	29.44
LOS ANGELES	2040	LDT2	Aggregated	Aggregated	Diesel	7148.585474	277709.3228	7.317542319	37.95
LOS ANGELES	2040	LHD1	Aggregated	Aggregated	Gasoline	100296.2884	3534882.315	218.7926319	16.16
LOS ANGELES	2040	LHD1	Aggregated	Aggregated	Diesel	71067.24314	2521364.184	117.7690774	21.41
LOS ANGELES	2040	LHD2	Aggregated	Aggregated	Gasoline	14342.29287	480974.2556	33.63905879	14.30
LOS ANGELES	2040	LHD2	Aggregated	Aggregated	Diesel	33937.23041	1164652.526	63.57729078	18.32
LOS ANGELES	2040	MCY	Aggregated	Aggregated	Gasoline	193501.197	1124673.455	26.84370561	41.90
LOS ANGELES	2040	MDV	Aggregated	Aggregated	Gasoline	1111941.224	40209125.03	1666.553337	24.13
LOS ANGELES	2040	MDV	Aggregated	Aggregated	Diesel	12065.35247	435805.8537	15.06319937	28.93
LOS ANGELES	2040	MH	Aggregated	Aggregated	Gasoline	13134.25533	140998.5721	29.11310683	4.84
LOS ANGELES	2040	MH	Aggregated	Aggregated	Diesel	7613.082249	74966.22224	7.53277858	9.95
LOS ANGELES	2040	Motor Coach	Aggregated	Aggregated	Diesel	747.2808902	93830.80564	14.81350054	6.33
LOS ANGELES	2040	OBUS	Aggregated	Aggregated	Gasoline	2095.339035	57698.60367	10.25172826	5.63
LOS ANGELES	2040	PTO	Aggregated	Aggregated	Diesel	0	92413.96496	16.23518468	5.69
LOS ANGELES	2040	SBUS	Aggregated	Aggregated	Gasoline	1304.802785	57280.70211	5.939922921	9.64
LOS ANGELES	2040	SBUS	Aggregated	Aggregated	Diesel	858.5473085	17966.49239	2.2166249	8.11
LOS ANGELES	2040	T6 CAIRP Class 4	Aggregated	Aggregated	Diesel	22.21029668	1536.34047	0.150943499	10.18
LOS ANGELES	2040	T6 CAIRP Class 5	Aggregated	Aggregated	Diesel	27.48763221	2117.663492	0.208115863	10.18
LOS ANGELES	2040	T6 CAIRP Class 6	Aggregated	Aggregated	Diesel	122.1592817	5456.937605	0.536810271	10.17
LOS ANGELES	2040	T6 CAIRP Class 7	Aggregated	Aggregated	Diesel	276.0581351	55757.4181	4.798696453	11.62 MHD
LOS ANGELES	2040	T6 Instate Delivery Class 4	Aggregated	Aggregated	Diesel	3257.766044	105854.75	11.05438117	9.58 9.646819
LOS ANGELES	2040	T6 Instate Delivery Class 5	Aggregated	Aggregated	Diesel	3355.094828	109103.0068	11.43590275	9.54
LOS ANGELES	2040	T6 Instate Delivery Class 6	Aggregated	Aggregated	Diesel	10252.99975	333445.7123	34.90887527	9.55
LOS ANGELES	2040	T6 Instate Delivery Class 7	Aggregated	Aggregated	Diesel	3378.30823	168183.2193	17.75980908	9.47
LOS ANGELES	2040	T6 Instate Other Class 4	Aggregated	Aggregated	Diesel	4191.702775	161535.1439	16.7061242	9.67
LOS ANGELES	2040	T6 Instate Other Class 5	Aggregated	Aggregated	Diesel	9686.510215	371840.9036	38.5420046	9.65
LOS ANGELES	2040	T6 Instate Other Class 6	Aggregated	Aggregated	Diesel	8618.774747	331230.8793	34.30274676	9.66
LOS ANGELES	2040	T6 Instate Other Class 7	Aggregated	Aggregated	Diesel	5141.706301	194618.5997	20.45939062	9.51
LOS ANGELES	2040	T6 Instate Tractor Class 6	Aggregated	Aggregated	Diesel	114.569219	5248.120586	0.539806536	9.72
LOS ANGELES	2040	T6 Instate Tractor Class 7	Aggregated	Aggregated	Diesel	2179.034539	122190.291	11.63574794	10.50
LOS ANGELES	2040	T6 OOS Class 4	Aggregated	Aggregated	Diesel	24.94867517	1821.415873	0.166959974	10.91
LOS ANGELES	2040	T6 OOS Class 5	Aggregated	Aggregated	Diesel	30.77183317	2498.655044	0.229157137	10.90 HHD
LOS ANGELES	2040	T6 OOS Class 6	Aggregated	Aggregated	Diesel	137.8606144	6529.057116	0.598489942	10.91 7.477687
LOS ANGELES	2040	T6 OOS Class 7	Aggregated	Aggregated	Diesel	171.0420567	47474.36405	3.9071092	12.15
LOS ANGELES	2040	T6 Public Class 4	Aggregated	Aggregated	Diesel	462.1100862	15713.52521	1.713972878	9.17
LOS ANGELES	2040	T6 Public Class 5	Aggregated	Aggregated	Diesel	328.5614875	11160.74011	1.224131571	9.12
LOS ANGELES	2040	T6 Public Class 6	Aggregated	Aggregated	Diesel	388.2810288	13237.81017	1.43918457	9.20
LOS ANGELES	2040	T6 Public Class 7	Aggregated	Aggregated	Diesel	1852.394017	75702.21707	8.054241771	9.40
LOS ANGELES	2040	T6 Utility Class 5	Aggregated	Aggregated	Diesel	326.3937551	12768.73146	1.286634156	9.92
LOS ANGELES	2040	T6 Utility Class 6	Aggregated	Aggregated	Diesel	61.69075275	2413.673427	0.243121945	9.93
LOS ANGELES	2040	T6 Utility Class 7	Aggregated	Aggregated	Diesel	68.4619882	3236.933531	0.323939822	9.99
LOS ANGELES	2040	T6TS	Aggregated	Aggregated	Gasoline	8483.028521	407347.9091	69.53162082	5.86
LOS ANGELES	2040	T7 CAIRP Class 8	Aggregated	Aggregated	Diesel	8259.096654	1734200.783	232.1404598	7.47
LOS ANGELES	2040	T7 NNOOS Class 8	Aggregated	Aggregated	Diesel	8991.234014	2617184.981	332.9809717	7.86
LOS ANGELES	2040	T7 NOOS Class 8	Aggregated	Aggregated	Diesel	3884.092571	950327.8567	122.2865978	7.77
LOS ANGELES	2040	T7 POLA Class 8	Aggregated	Aggregated	Diesel	8710.621574	1489067.741	210.1649626	7.09
LOS ANGELES	2040	T7 Public Class 8	Aggregated	Aggregated	Diesel	1839.586943	70448.60767	11.31328439	6.23
LOS ANGELES	2040	T7 Single Concrete/Transit Mix	Aggregated	Aggregated	Diesel	431.2216563	27516.11189	4.034063461	6.82
LOS ANGELES	2040	T7 Single Dump Class 8	Aggregated	Aggregated	Diesel	1739.30088	84263.29174	12.99095845	6.49
LOS ANGELES	2040	T7 Single Other Class 8	Aggregated	Aggregated	Diesel	7704.768899	320934.529	49.33099939	6.51
LOS ANGELES	2040	T7 SWCV Class 8	Aggregated	Aggregated	Diesel	206.8413811	13428.0095	5.007239561	2.68
LOS ANGELES	2040	T7 Tractor Class 8	Aggregated	Aggregated	Diesel	23483.14487	1486677.768	206.5505756	7.20
LOS ANGELES	2040	T7 Utility Class 8	Aggregated	Aggregated	Diesel	342.0475103	13828.08706	2.096786314	6.59
LOS ANGELES	2040	T7IS	Aggregated	Aggregated	Gasoline	11.7400687	1370.242704	0.265029089	5.17
LOS ANGELES	2040	UBUS	Aggregated	Aggregated	Gasoline	175.5913122	10179.95145	0.691478208	14.72

On-road Mobile (Operational) Energy Usage

Note: Assumes that all vehicles that are generated as part of proposed project use gasoline as a fuel source (for simplicity), since the vast majority of vehicles generated by the project would use gasoline

Unmitigated:

Step 1:

Therefore:

Average Daily VMT:

662,369 Source: Kittelson & Associates

Step 2:

Given:

Fleet Mix (CalEEMod Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.556303	0.05949	0.17846	0.122507	0.021438	0.006223	0.012536	0.015684	0.000507	0.000213	0.022842	0.000934	0.002862

And:

Gasoline MPG Factors for each Vehicle Class - Year 2040 (EMFAC2021 Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
35.52	30.00	29.44	24.13	16.16	14.30	N/A	N/A	5.63	14.72	41.90	9.64	4.84

Therefore:

Weighted Average MPG Factors

Gasoline: 31.17

Step 3:

Therefore:

21,248 daily gallons of gasoline

or

7,755,420 annual gallons of gasoline

Off-road (i.e. On-site) Mobile (Construction) Energy Usage

Note: For the sake of simplicity, and as a conservative estimation, it was assumed that all off-road vehicles use diesel fuel as an energy source. Demolition, Site preparation and grading off-road mobile vehicle on-site gallons of fuel are calculated below.

Given Factor:	9,556.9 metric tons	CO2	(provided in CalEEMod Output File)
Conversion Factor:	2204.6262 pounds	per metric ton	
Intermediate Result:	21,069,408 pounds	CO2	
Conversion Factor:	22.38 pounds	CO2 per 1 gallon of diesel fuel	Source: U.S. EIA, 2016
Final Result:	941,439 gallons	diesel fuel	http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11

Mitigated Onsite Scenario	Total CO2 (MT/yr) (provided in CalEEMod Output File)
Demolition - 2023	222.4951
Demolition - 2024	448.4627
Demolition - 2025	0.4798
Building Construction - 2023	151.5690
Building Construction - 2024	305.5175
Building Construction - 2025	304.4331
Building Construction - 2026	304.4331
Building Construction - 2027	304.4331
Building Construction - 2028	303.2667
Building Construction - 2029	304.4331
Building Construction - 2030	343.3773
Building Construction - 2031	343.3773
Building Construction - 2032	344.6929
Building Construction - 2033	342.0617
Building Construction - 2034	342.0617
Building Construction - 2035	343.3526
Building Construction - 2036	344.6682
Building Construction - 2037	343.3526
Building Construction - 2038	343.3526
Building Construction - 2039	342.0371
Building Construction - 2040	343.3415
Architectural Coating - 2023	16.6210
Architectural Coating - 2024	33.4947
Architectural Coating - 2025	33.3654
Architectural Coating - 2026	33.3654
Architectural Coating - 2027	33.3654
Architectural Coating - 2028	33.2375
Architectural Coating - 2029	33.3654
Architectural Coating - 2030	33.3536
Architectural Coating - 2031	33.3536
Architectural Coating - 2032	33.4814
Architectural Coating - 2033	33.2258
Architectural Coating - 2034	33.2258
Architectural Coating - 2035	33.3507
Architectural Coating - 2036	33.4785
Architectural Coating - 2037	33.3507
Architectural Coating - 2038	33.3507
Architectural Coating - 2039	33.2229
Architectural Coating - 2040	33.3492
Site Preparation - 2025	404.8505
Grading - 2025	35.7155
Grading - 2026	717.0565
Grading - 2027	717.0565
Grading - 2028	233.5241
Paving - 2028	176.5846
Paving - 2029	263.3633

On-road Mobile (Construction) Energy Usage - Demolition

Note: Year 2020 MPG factors were derived for construction-related energy consumption (for the sake of a conservative estimate).

Step 1: **Total Daily Worker Trips (CalEEMod output)**

15

Worker Trip Length (miles) (CalEEMod output)

14.7

Therefore:

Average Worker Daily VMT:

221

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.92

Step 3: **Therefore:**

9 Worker daily gallons of gasoline (all workers)

Step 4: 400 # of Days (CalEEMod output)

Therefore:

Result: 3,402 Total gallons of gasoline (all workers)

On-road Mobile (Construction) Energy Usage - Site Preparation

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

18

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

265

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.92

Step 3: **Therefore:**

10 Worker daily gallons of gasoline

Step 4: 240 # of Days (CalEEMod Output)

Therefore:

Result: 2,450 Total gallons of gasoline

On-road Mobile (Construction) Energy Usage - Grading

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

20

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

294

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

11 Worker daily gallons of gasoline

Step 4: 620 # of Days (CalEEMod Output)

Therefore:

Result: 7,032 Total gallons of gasoline

On-road Mobile (Construction) Energy Usage - Building Construction

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

7,132	357
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 Assumes 5% of workers on-site on a given day

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:
Average Worker Daily VMT:
 5,242

Total Daily Vendor Trips (CalEEMod Output)

1,392	70
-------	----

Vendor Trip Length (miles) (CalEEMod Output)

6.9

Average Vendor Daily VMT:
 480

Step 2: Given:
Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

Assumed Fleet Mix for Vendors

MHD	HHD
0%	100%

And:
Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)
Gasoline:

LDA	LDT1	LDT2
28.42	23.75	23.10

Diesel:

MHD	HHD
9.65	7.48

Therefore:
Weighted Average Worker (Gasoline) MPG Factor
 25.92

Weighted Average Vendor (Diesel) MPG Factor
 7.48

Step 3: **Therefore:**
 202 Worker daily gallons of gasoline

Therefore:
 64 Vendor daily gallons of diesel

Step 4:

4566

 # of Days (CalEEMod Output)

Therefore:

923,331

 Total gallons of gasoline

Therefore:

293,243

 Total gallons of diesel

On-road Mobile (Construction) Energy Usage - Paving

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

15

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

221

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

9 Worker daily gallons of gasoline

Step 4: 440 # of Days (CalEEMod Output)

Therefore:

Result: 3,743 Total gallons of gasoline

On-road Mobile (Construction) Energy Usage - Architectural Coating

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

1426 71

Assumes 5% of workers on-site on a given day

Worker Trip Length (miles) (CalEEMod Output)

14.7

Therefore:

Average Worker Daily VMT:

1,048

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class - Year 2023 (EMFAC2021 output)

LDA	LDT1	LDT2
28.42	23.75	23.10

Therefore:

Weighted Average Worker MPG Factor

25.9

Step 3: **Therefore:**

40 Worker daily gallons of gasoline

Step 4: 4,566 # of Days (CalEEMod Output)

Therefore:

Result: 184,614 Total gallons of gasoline