

Tiburon GP Update 2040 - Marin County, Annual

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

**Tiburon GP Update 2040
Marin County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	174.00	Dwelling Unit	13.96	313,200.00	498
Condo/Townhouse	749.00	Dwelling Unit	11.57	749,000.00	2142

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	69
Climate Zone	5			Operational Year	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Operational Year: 2040

Land Use - Max. development modeled - 923 total residences. 174 single-family, 677 multi-family, and 72 ADUs. Multi-family & ADUs residences modeled as Condo/Townhouse. Total development = approx. 25.54 acres. Lot acres adjusted from defaults to reflect.

Construction Phase - Default CalEEMod construction phases kept as default, except for building construction and architectural coating phases, which were expanded through to the buildout year (2040).

Demolition - Demolition of approx. 129,682 square feet of commercial buildings.

Vehicle Trips - Trips as provided by GHD (Traffic consultant). 5,148 trips for a total of 923 dwelling units = 5.577465 trips per DU.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	4,018.00
tblConstructionPhase	NumDays	440.00	4,493.00
tblConstructionPhase	PhaseEndDate	9/24/2025	12/31/2040

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tblConstructionPhase	PhaseEndDate	6/18/2025	12/31/2040
tblLandUse	LotAcreage	56.49	13.96
tblLandUse	LotAcreage	46.81	11.57
tblVehicleTrips	ST_TR	8.14	5.58
tblVehicleTrips	ST_TR	9.54	5.58
tblVehicleTrips	SU_TR	6.28	5.58
tblVehicleTrips	SU_TR	8.55	5.58
tblVehicleTrips	WD_TR	7.32	5.58
tblVehicleTrips	WD_TR	9.44	5.58

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated 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	0.2349	1.9952	2.0232	5.1200e-003	0.6328	0.0814	0.7142	0.2374	0.0755	0.3129	0.0000	462.2083	462.2083	0.0873	0.0144	468.6921
2024	0.4159	2.4996	3.9275	0.0114	0.7061	0.0868	0.7929	0.1899	0.0817	0.2715	0.0000	1,042.8914	1,042.8914	0.0952	0.0505	1,060.3118
2025	0.6248	2.5624	4.2674	0.0121	0.7551	0.0854	0.8405	0.2029	0.0804	0.2833	0.0000	1,104.9247	1,104.9247	0.1061	0.0497	1,122.3946
2026	0.9220	2.4941	4.2181	0.0123	0.8268	0.0823	0.9090	0.2220	0.0778	0.2997	0.0000	1,120.9088	1,120.9088	0.0959	0.0496	1,138.0703
2027	0.9099	2.4748	4.1263	0.0121	0.8268	0.0820	0.9088	0.2220	0.0776	0.2995	0.0000	1,100.4678	1,100.4678	0.0946	0.0481	1,117.1595
2028	0.8952	2.4493	4.0349	0.0118	0.8236	0.0815	0.9051	0.2211	0.0770	0.2981	0.0000	1,077.6154	1,077.6154	0.0931	0.0466	1,093.8190
2029	0.8874	2.4406	3.9828	0.0117	0.8268	0.0815	0.9083	0.2220	0.0771	0.2990	0.0000	1,063.7434	1,063.7434	0.0924	0.0454	1,079.5788
2030	0.8637	1.7981	3.9338	0.0120	0.8268	0.0277	0.8545	0.2220	0.0274	0.2493	0.0000	1,088.3164	1,088.3164	0.0336	0.0443	1,102.3448
2031	0.8529	1.7880	3.8836	0.0119	0.8268	0.0275	0.8543	0.2220	0.0272	0.2492	0.0000	1,074.2731	1,074.2731	0.0327	0.0433	1,087.9857
2032	0.8468	1.7863	3.8555	0.0118	0.8299	0.0274	0.8574	0.2228	0.0271	0.2499	0.0000	1,065.8625	1,065.8625	0.0320	0.0426	1,079.3550
2033	0.8319	1.7655	3.7895	0.0116	0.8236	0.0271	0.8507	0.2211	0.0268	0.2479	0.0000	1,046.6342	1,046.6342	0.0311	0.0415	1,059.7867
2034	0.8246	1.7595	3.7572	0.0115	0.8236	0.0269	0.8505	0.2211	0.0266	0.2477	0.0000	1,036.8066	1,036.8066	0.0305	0.0409	1,049.7527
2035	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0996	1,032.0996	0.0289	0.0405	1,044.8871
2036	0.8103	1.6532	3.7521	0.0115	0.8299	0.0181	0.8480	0.2228	0.0178	0.2406	0.0000	1,036.0540	1,036.0540	0.0290	0.0406	1,048.8905
2037	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0996	1,032.0996	0.0289	0.0405	1,044.8871
2038	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0996	1,032.0996	0.0289	0.0405	1,044.8871
2039	0.8041	1.6406	3.7234	0.0114	0.8236	0.0179	0.8415	0.2211	0.0177	0.2388	0.0000	1,028.1452	1,028.1452	0.0288	0.0403	1,040.8837
2040	0.7795	1.5903	3.6427	0.0111	0.8268	0.0150	0.8418	0.2220	0.0148	0.2368	0.0000	1,002.9733	1,002.9733	0.0264	0.0386	1,015.1372
Maximum	0.9220	2.5624	4.2674	0.0123	0.8299	0.0868	0.9090	0.2374	0.0817	0.3129	0.0000	1,120.9088	1,120.9088	0.1061	0.0505	1,138.0703

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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	0.2349	1.9952	2.0232	5.1200e-003	0.6328	0.0814	0.7142	0.2374	0.0755	0.3129	0.0000	462.2080	462.2080	0.0873	0.0144	468.6917
2024	0.4159	2.4996	3.9275	0.0114	0.7061	0.0868	0.7929	0.1899	0.0817	0.2715	0.0000	1,042.8910	1,042.8910	0.0952	0.0505	1,060.3115
2025	0.6248	2.5624	4.2674	0.0121	0.7551	0.0854	0.8405	0.2029	0.0804	0.2833	0.0000	1,104.9242	1,104.9242	0.1061	0.0497	1,122.3942
2026	0.9220	2.4941	4.2181	0.0123	0.8268	0.0823	0.9090	0.2220	0.0778	0.2997	0.0000	1,120.9084	1,120.9084	0.0959	0.0496	1,138.0699
2027	0.9099	2.4748	4.1263	0.0121	0.8268	0.0820	0.9088	0.2220	0.0776	0.2995	0.0000	1,100.4674	1,100.4674	0.0946	0.0481	1,117.1591
2028	0.8952	2.4493	4.0349	0.0118	0.8236	0.0815	0.9051	0.2211	0.0770	0.2981	0.0000	1,077.6150	1,077.6150	0.0931	0.0466	1,093.8186
2029	0.8874	2.4406	3.9828	0.0117	0.8268	0.0815	0.9083	0.2220	0.0771	0.2990	0.0000	1,063.7430	1,063.7430	0.0924	0.0454	1,079.5784
2030	0.8637	1.7981	3.9338	0.0120	0.8268	0.0277	0.8545	0.2220	0.0274	0.2493	0.0000	1,088.3160	1,088.3160	0.0336	0.0443	1,102.3444
2031	0.8529	1.7880	3.8836	0.0119	0.8268	0.0275	0.8543	0.2220	0.0272	0.2492	0.0000	1,074.2727	1,074.2727	0.0327	0.0433	1,087.9853
2032	0.8468	1.7863	3.8555	0.0118	0.8299	0.0274	0.8574	0.2228	0.0271	0.2499	0.0000	1,065.8620	1,065.8620	0.0320	0.0426	1,079.3545
2033	0.8319	1.7655	3.7895	0.0116	0.8236	0.0271	0.8507	0.2211	0.0268	0.2479	0.0000	1,046.6337	1,046.6337	0.0311	0.0415	1,059.7863
2034	0.8246	1.7595	3.7572	0.0115	0.8236	0.0269	0.8505	0.2211	0.0266	0.2477	0.0000	1,036.8062	1,036.8062	0.0305	0.0409	1,049.7522
2035	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0992	1,032.0992	0.0289	0.0405	1,044.8866
2036	0.8103	1.6532	3.7521	0.0115	0.8299	0.0181	0.8480	0.2228	0.0178	0.2406	0.0000	1,036.0536	1,036.0536	0.0290	0.0406	1,048.8900
2037	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0992	1,032.0992	0.0289	0.0405	1,044.8866
2038	0.8072	1.6469	3.7377	0.0114	0.8268	0.0180	0.8448	0.2220	0.0177	0.2397	0.0000	1,032.0992	1,032.0992	0.0289	0.0405	1,044.8866
2039	0.8041	1.6406	3.7234	0.0114	0.8236	0.0179	0.8415	0.2211	0.0177	0.2388	0.0000	1,028.1448	1,028.1448	0.0288	0.0403	1,040.8832
2040	0.7795	1.5903	3.6427	0.0111	0.8268	0.0150	0.8418	0.2220	0.0148	0.2368	0.0000	1,002.9728	1,002.9728	0.0264	0.0386	1,015.1368
Maximum	0.9220	2.5624	4.2674	0.0123	0.8299	0.0868	0.9090	0.2374	0.0817	0.3129	0.0000	1,120.9084	1,120.9084	0.1061	0.0505	1,138.0699

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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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2023	8-31-2023	1.0012	1.0012
2	9-1-2023	11-30-2023	0.9823	0.9823
3	12-1-2023	2-29-2024	0.7484	0.7484
4	3-1-2024	5-31-2024	0.7301	0.7301
5	6-1-2024	8-31-2024	0.7241	0.7241
6	9-1-2024	11-30-2024	0.7279	0.7279
7	12-1-2024	2-28-2025	0.6972	0.6972
8	3-1-2025	5-31-2025	0.6863	0.6863
9	6-1-2025	8-31-2025	0.8970	0.8970
10	9-1-2025	11-30-2025	0.8643	0.8643
11	12-1-2025	2-28-2026	0.8551	0.8551
12	3-1-2026	5-31-2026	0.8592	0.8592
13	6-1-2026	8-31-2026	0.8532	0.8532
14	9-1-2026	11-30-2026	0.8557	0.8557
15	12-1-2026	2-28-2027	0.8467	0.8467
16	3-1-2027	5-31-2027	0.8513	0.8513
17	6-1-2027	8-31-2027	0.8455	0.8455
18	9-1-2027	11-30-2027	0.8477	0.8477
19	12-1-2027	2-29-2028	0.8485	0.8485
20	3-1-2028	5-31-2028	0.8444	0.8444
21	6-1-2028	8-31-2028	0.8388	0.8388
22	9-1-2028	11-30-2028	0.8407	0.8407
23	12-1-2028	2-28-2029	0.8318	0.8318

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24	3-1-2029	5-31-2029	0.8370	0.8370
25	6-1-2029	8-31-2029	0.8316	0.8316
26	9-1-2029	11-30-2029	0.8332	0.8332
27	12-1-2029	2-28-2030	0.7214	0.7214
28	3-1-2030	5-31-2030	0.6692	0.6692
29	6-1-2030	8-31-2030	0.6640	0.6640
30	9-1-2030	11-30-2030	0.6671	0.6671
31	12-1-2030	2-28-2031	0.6611	0.6611
32	3-1-2031	5-31-2031	0.6639	0.6639
33	6-1-2031	8-31-2031	0.6588	0.6588
34	9-1-2031	11-30-2031	0.6617	0.6617
35	12-1-2031	2-29-2032	0.6635	0.6635
36	3-1-2032	5-31-2032	0.6593	0.6593
37	6-1-2032	8-31-2032	0.6543	0.6543
38	9-1-2032	11-30-2032	0.6570	0.6570
39	12-1-2032	2-28-2033	0.6519	0.6519
40	3-1-2033	5-31-2033	0.6553	0.6553
41	6-1-2033	8-31-2033	0.6504	0.6504
42	9-1-2033	11-30-2033	0.6530	0.6530
43	12-1-2033	2-28-2034	0.6482	0.6482
44	3-1-2034	5-31-2034	0.6519	0.6519
45	6-1-2034	8-31-2034	0.6470	0.6470
46	9-1-2034	11-30-2034	0.6495	0.6495
47	12-1-2034	2-28-2035	0.6243	0.6243
48	3-1-2035	5-31-2035	0.6165	0.6165
49	6-1-2035	8-31-2035	0.6118	0.6118
50	9-1-2035	11-30-2035	0.6145	0.6145
51	12-1-2035	2-29-2036	0.6191	0.6191
52	3-1-2036	5-31-2036	0.6165	0.6165

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53	6-1-2036	8-31-2036	0.6118	0.6118
54	9-1-2036	11-30-2036	0.6145	0.6145
55	12-1-2036	2-28-2037	0.6123	0.6123
56	3-1-2037	5-31-2037	0.6165	0.6165
57	6-1-2037	8-31-2037	0.6118	0.6118
58	9-1-2037	11-30-2037	0.6145	0.6145
59	12-1-2037	2-28-2038	0.6123	0.6123
60	3-1-2038	5-31-2038	0.6165	0.6165
61	6-1-2038	8-31-2038	0.6118	0.6118
62	9-1-2038	11-30-2038	0.6145	0.6145
63	12-1-2038	2-28-2039	0.6123	0.6123
64	3-1-2039	5-31-2039	0.6165	0.6165
65	6-1-2039	8-31-2039	0.6118	0.6118
66	9-1-2039	11-30-2039	0.6145	0.6145
67	12-1-2039	2-29-2040	0.6049	0.6049
68	3-1-2040	5-31-2040	0.5950	0.5950
69	6-1-2040	8-31-2040	0.5904	0.5904
70	9-1-2040	9-30-2040	0.1925	0.1925
		Highest	1.0012	1.0012

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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	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423
Energy	0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,651.9619	1,651.9619	0.0974	0.0309	1,663.5980
Mobile	1.4921	1.3269	14.8166	0.0304	4.3606	0.0144	4.3750	1.1642	0.0135	1.1777	0.0000	2,804.4744	2,804.4744	0.1749	0.1270	2,846.6907
Waste						0.0000	0.0000		0.0000	0.0000	112.3961	0.0000	112.3961	6.6424	0.0000	278.4566
Water						0.0000	0.0000		0.0000	0.0000	19.0788	42.3848	61.4635	1.9664	0.0471	124.6603
Total	9.4664	2.4962	25.9484	0.0452	4.3606	0.6909	5.0514	1.1642	0.6899	1.8541	187.7389	4,529.4721	4,717.2110	8.9885	0.2085	5,004.0479

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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	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423
Energy	0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,651.9619	1,651.9619	0.0974	0.0309	1,663.5980
Mobile	1.4921	1.3269	14.8166	0.0304	4.3606	0.0144	4.3750	1.1642	0.0135	1.1777	0.0000	2,804.4744	2,804.4744	0.1749	0.1270	2,846.6907
Waste						0.0000	0.0000		0.0000	0.0000	112.3961	0.0000	112.3961	6.6424	0.0000	278.4566
Water						0.0000	0.0000		0.0000	0.0000	19.0788	42.3848	61.4635	1.9664	0.0471	124.6603
Total	9.4664	2.4962	25.9484	0.0452	4.3606	0.6909	5.0514	1.1642	0.6899	1.8541	187.7389	4,529.4721	4,717.2110	8.9885	0.2085	5,004.0479

	ROG	NOx	CO	SO2	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	6/1/2023	7/12/2023	5	30	
2	Site Preparation	Site Preparation	7/13/2023	8/9/2023	5	20	
3	Grading	Grading	8/10/2023	10/11/2023	5	45	

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4	Building Construction	Building Construction	10/12/2023	12/31/2040	5	4493
5	Paving	Paving	6/19/2025	8/6/2025	5	35
6	Architectural Coating	Architectural Coating	8/7/2025	12/31/2040	5	4018

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 0

Residential Indoor: 2,150,955; Residential Outdoor: 716,985; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	2	8.00	158	0.38
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37

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Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	590.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	602.00	99.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0638	0.0000	0.0638	9.6600e-003	0.0000	9.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9881	50.9881	0.0143	0.0000	51.3451
Total	0.0340	0.3223	0.2947	5.8000e-004	0.0638	0.0150	0.0788	9.6600e-003	0.0139	0.0236	0.0000	50.9881	50.9881	0.0143	0.0000	51.3451

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3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.6000e-004	0.0443	0.0125	1.8000e-004	4.9700e-003	3.2000e-004	5.2900e-003	1.3700e-003	3.1000e-004	1.6700e-003	0.0000	18.5278	18.5278	1.1900e-003	2.9500e-003	19.4380
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	4.1000e-004	4.8600e-003	2.0000e-005	1.7700e-003	1.0000e-005	1.7800e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3923	1.3923	4.0000e-005	4.0000e-005	1.4050
Total	1.2900e-003	0.0447	0.0173	2.0000e-004	6.7400e-003	3.3000e-004	7.0700e-003	1.8400e-003	3.2000e-004	2.1500e-003	0.0000	19.9201	19.9201	1.2300e-003	2.9900e-003	20.8430

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0638	0.0000	0.0638	9.6600e-003	0.0000	9.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0340	0.3223	0.2947	5.8000e-004		0.0150	0.0150		0.0139	0.0139	0.0000	50.9880	50.9880	0.0143	0.0000	51.3450
Total	0.0340	0.3223	0.2947	5.8000e-004	0.0638	0.0150	0.0788	9.6600e-003	0.0139	0.0236	0.0000	50.9880	50.9880	0.0143	0.0000	51.3450

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3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.6000e-004	0.0443	0.0125	1.8000e-004	4.9700e-003	3.2000e-004	5.2900e-003	1.3700e-003	3.1000e-004	1.6700e-003	0.0000	18.5278	18.5278	1.1900e-003	2.9500e-003	19.4380
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3000e-004	4.1000e-004	4.8600e-003	2.0000e-005	1.7700e-003	1.0000e-005	1.7800e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3923	1.3923	4.0000e-005	4.0000e-005	1.4050
Total	1.2900e-003	0.0447	0.0173	2.0000e-004	6.7400e-003	3.3000e-004	7.0700e-003	1.8400e-003	3.2000e-004	2.1500e-003	0.0000	19.9201	19.9201	1.2300e-003	2.9900e-003	20.8430

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7212

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3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.8900e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.1138	1.1138	3.0000e-005	3.0000e-005	1.1240
Total	5.0000e-004	3.3000e-004	3.8900e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.1138	1.1138	3.0000e-005	3.0000e-005	1.1240

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1966	0.0000	0.1966	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.2752	0.1824	3.8000e-004		0.0127	0.0127		0.0117	0.0117	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211
Total	0.0266	0.2752	0.1824	3.8000e-004	0.1966	0.0127	0.2092	0.1010	0.0117	0.1127	0.0000	33.4507	33.4507	0.0108	0.0000	33.7211

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3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.8900e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.1138	1.1138	3.0000e-005	3.0000e-005	1.1240
Total	5.0000e-004	3.3000e-004	3.8900e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.8000e-004	0.0000	1.1138	1.1138	3.0000e-005	3.0000e-005	1.1240

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2071	0.0000	0.2071	0.0822	0.0000	0.0822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0747	0.7766	0.6312	1.4000e-003		0.0321	0.0321		0.0295	0.0295	0.0000	122.7042	122.7042	0.0397	0.0000	123.6964
Total	0.0747	0.7766	0.6312	1.4000e-003	0.2071	0.0321	0.2391	0.0822	0.0295	0.1117	0.0000	122.7042	122.7042	0.0397	0.0000	123.6964

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3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.2000e-004	9.7200e-003	3.0000e-005	3.5400e-003	2.0000e-005	3.5600e-003	9.4000e-004	2.0000e-005	9.6000e-004	0.0000	2.7845	2.7845	8.0000e-005	8.0000e-005	2.8100
Total	1.2500e-003	8.2000e-004	9.7200e-003	3.0000e-005	3.5400e-003	2.0000e-005	3.5600e-003	9.4000e-004	2.0000e-005	9.6000e-004	0.0000	2.7845	2.7845	8.0000e-005	8.0000e-005	2.8100

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2071	0.0000	0.2071	0.0822	0.0000	0.0822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0747	0.7766	0.6312	1.4000e-003		0.0321	0.0321		0.0295	0.0295	0.0000	122.7041	122.7041	0.0397	0.0000	123.6962
Total	0.0747	0.7766	0.6312	1.4000e-003	0.2071	0.0321	0.2391	0.0822	0.0295	0.1117	0.0000	122.7041	122.7041	0.0397	0.0000	123.6962

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3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.2000e-004	9.7200e-003	3.0000e-005	3.5400e-003	2.0000e-005	3.5600e-003	9.4000e-004	2.0000e-005	9.6000e-004	0.0000	2.7845	2.7845	8.0000e-005	8.0000e-005	2.8100
Total	1.2500e-003	8.2000e-004	9.7200e-003	3.0000e-005	3.5400e-003	2.0000e-005	3.5600e-003	9.4000e-004	2.0000e-005	9.6000e-004	0.0000	2.7845	2.7845	8.0000e-005	8.0000e-005	2.8100

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0448	0.4100	0.4630	7.7000e-004		0.0199	0.0199		0.0188	0.0188	0.0000	66.0644	66.0644	0.0157	0.0000	66.4572
Total	0.0448	0.4100	0.4630	7.7000e-004		0.0199	0.0199		0.0188	0.0188	0.0000	66.0644	66.0644	0.0157	0.0000	66.4572

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3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8800e-003	0.1339	0.0506	6.0000e-004	0.0185	7.3000e-004	0.0192	5.3400e-003	7.0000e-004	6.0400e-003	0.0000	59.0176	59.0176	2.2800e-003	8.3300e-003	61.5576
Worker	0.0478	0.0314	0.3705	1.1600e-003	0.1352	7.1000e-004	0.1359	0.0360	6.6000e-004	0.0366	0.0000	106.1649	106.1649	3.1400e-003	3.0000e-003	107.1376
Total	0.0517	0.1653	0.4211	1.7600e-003	0.1536	1.4400e-003	0.1551	0.0413	1.3600e-003	0.0427	0.0000	165.1825	165.1825	5.4200e-003	0.0113	168.6951

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0448	0.4100	0.4630	7.7000e-004		0.0199	0.0199		0.0188	0.0188	0.0000	66.0643	66.0643	0.0157	0.0000	66.4572
Total	0.0448	0.4100	0.4630	7.7000e-004		0.0199	0.0199		0.0188	0.0188	0.0000	66.0643	66.0643	0.0157	0.0000	66.4572

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3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8800e-003	0.1339	0.0506	6.0000e-004	0.0185	7.3000e-004	0.0192	5.3400e-003	7.0000e-004	6.0400e-003	0.0000	59.0176	59.0176	2.2800e-003	8.3300e-003	61.5576
Worker	0.0478	0.0314	0.3705	1.1600e-003	0.1352	7.1000e-004	0.1359	0.0360	6.6000e-004	0.0366	0.0000	106.1649	106.1649	3.1400e-003	3.0000e-003	107.1376
Total	0.0517	0.1653	0.4211	1.7600e-003	0.1536	1.4400e-003	0.1551	0.0413	1.3600e-003	0.0427	0.0000	165.1825	165.1825	5.4200e-003	0.0113	168.6951

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	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

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3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0170	0.6100	0.2236	2.7000e-003	0.0849	3.3800e-003	0.0882	0.0246	3.2300e-003	0.0278	0.0000	266.8568	266.8568	0.0103	0.0376	278.3288
Worker	0.2061	0.1285	1.5861	5.1500e-003	0.6212	3.1200e-003	0.6243	0.1653	2.8700e-003	0.1682	0.0000	472.3123	472.3123	0.0131	0.0128	476.4652
Total	0.2232	0.7385	1.8097	7.8500e-003	0.7061	6.5000e-003	0.7126	0.1899	6.1000e-003	0.1960	0.0000	739.1690	739.1690	0.0234	0.0505	754.7940

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0170	0.6100	0.2236	2.7000e-003	0.0849	3.3800e-003	0.0882	0.0246	3.2300e-003	0.0278	0.0000	266.8568	266.8568	0.0103	0.0376	278.3288
Worker	0.2061	0.1285	1.5861	5.1500e-003	0.6212	3.1200e-003	0.6243	0.1653	2.8700e-003	0.1682	0.0000	472.3123	472.3123	0.0131	0.0128	476.4652
Total	0.2232	0.7385	1.8097	7.8500e-003	0.7061	6.5000e-003	0.7126	0.1899	6.1000e-003	0.1960	0.0000	739.1690	739.1690	0.0234	0.0505	754.7940

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	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

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

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0163	0.6000	0.2155	2.6400e-003	0.0845	3.3500e-003	0.0879	0.0245	3.2100e-003	0.0277	0.0000	261.0041	261.0041	0.0101	0.0368	272.2073
Worker	0.1935	0.1152	1.4792	4.9600e-003	0.6189	2.9600e-003	0.6218	0.1647	2.7300e-003	0.1674	0.0000	454.8334	454.8334	0.0119	0.0120	458.6973
Total	0.2098	0.7152	1.6947	7.6000e-003	0.7034	6.3100e-003	0.7097	0.1891	5.9400e-003	0.1951	0.0000	715.8375	715.8375	0.0219	0.0487	730.9046

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0163	0.6000	0.2155	2.6400e-003	0.0845	3.3500e-003	0.0879	0.0245	3.2100e-003	0.0277	0.0000	261.0041	261.0041	0.0101	0.0368	272.2073
Worker	0.1935	0.1152	1.4792	4.9600e-003	0.6189	2.9600e-003	0.6218	0.1647	2.7300e-003	0.1674	0.0000	454.8334	454.8334	0.0119	0.0120	458.6973
Total	0.2098	0.7152	1.6947	7.6000e-003	0.7034	6.3100e-003	0.7097	0.1891	5.9400e-003	0.1951	0.0000	715.8375	715.8375	0.0219	0.0487	730.9046

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	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

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

3.5 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0158	0.5917	0.2098	2.5900e-003	0.0845	3.3200e-003	0.0879	0.0245	3.1800e-003	0.0276	0.0000	256.1429	256.1429	9.8800e-003	0.0360	267.1182
Worker	0.1832	0.1047	1.3951	4.8100e-003	0.6189	2.8100e-003	0.6217	0.1647	2.5900e-003	0.1673	0.0000	440.9033	440.9033	0.0109	0.0113	444.5405
Total	0.1990	0.6965	1.6048	7.4000e-003	0.7034	6.1300e-003	0.7095	0.1891	5.7700e-003	0.1949	0.0000	697.0462	697.0462	0.0208	0.0473	711.6587

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0158	0.5917	0.2098	2.5900e-003	0.0845	3.3200e-003	0.0879	0.0245	3.1800e-003	0.0276	0.0000	256.1429	256.1429	9.8800e-003	0.0360	267.1182
Worker	0.1832	0.1047	1.3951	4.8100e-003	0.6189	2.8100e-003	0.6217	0.1647	2.5900e-003	0.1673	0.0000	440.9033	440.9033	0.0109	0.0113	444.5405
Total	0.1990	0.6965	1.6048	7.4000e-003	0.7034	6.1300e-003	0.7095	0.1891	5.7700e-003	0.1949	0.0000	697.0462	697.0462	0.0208	0.0473	711.6587

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	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

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

3.5 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0152	0.5830	0.2046	2.5400e-003	0.0845	3.2800e-003	0.0878	0.0245	3.1400e-003	0.0276	0.0000	250.8877	250.8877	9.6700e-003	0.0352	261.6226
Worker	0.1736	0.0959	1.3229	4.6700e-003	0.6189	2.6500e-003	0.6215	0.1647	2.4400e-003	0.1671	0.0000	428.2416	428.2416	0.0100	0.0107	431.6874
Total	0.1888	0.6789	1.5275	7.2100e-003	0.7034	5.9300e-003	0.7093	0.1891	5.5800e-003	0.1947	0.0000	679.1292	679.1292	0.0197	0.0459	693.3100

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0152	0.5830	0.2046	2.5400e-003	0.0845	3.2800e-003	0.0878	0.0245	3.1400e-003	0.0276	0.0000	250.8877	250.8877	9.6700e-003	0.0352	261.6226
Worker	0.1736	0.0959	1.3229	4.6700e-003	0.6189	2.6500e-003	0.6215	0.1647	2.4400e-003	0.1671	0.0000	428.2416	428.2416	0.0100	0.0107	431.6874
Total	0.1888	0.6789	1.5275	7.2100e-003	0.7034	5.9300e-003	0.7093	0.1891	5.5800e-003	0.1947	0.0000	679.1292	679.1292	0.0197	0.0459	693.3100

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	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

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

3.5 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0148	0.5734	0.1998	2.4800e-003	0.0842	3.2300e-003	0.0874	0.0244	3.0900e-003	0.0275	0.0000	244.9057	244.9057	9.4100e-003	0.0343	255.3668
Worker	0.1639	0.0883	1.2582	4.5300e-003	0.6165	2.4600e-003	0.6190	0.1640	2.2700e-003	0.1663	0.0000	415.2484	415.2484	9.2000e-003	0.0102	418.5214
Total	0.1787	0.6617	1.4579	7.0100e-003	0.7007	5.6900e-003	0.7064	0.1884	5.3600e-003	0.1938	0.0000	660.1541	660.1541	0.0186	0.0445	673.8882

Mitigated Construction On-Site

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

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3.5 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0148	0.5734	0.1998	2.4800e-003	0.0842	3.2300e-003	0.0874	0.0244	3.0900e-003	0.0275	0.0000	244.9057	244.9057	9.4100e-003	0.0343	255.3668
Worker	0.1639	0.0883	1.2582	4.5300e-003	0.6165	2.4600e-003	0.6190	0.1640	2.2700e-003	0.1663	0.0000	415.2484	415.2484	9.2000e-003	0.0102	418.5214
Total	0.1787	0.6617	1.4579	7.0100e-003	0.7007	5.6900e-003	0.7064	0.1884	5.3600e-003	0.1938	0.0000	660.1541	660.1541	0.0186	0.0445	673.8882

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	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

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

3.5 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0145	0.5651	0.1965	2.4300e-003	0.0845	3.1800e-003	0.0877	0.0245	3.0400e-003	0.0275	0.0000	240.1465	240.1465	9.1900e-003	0.0336	250.3825
Worker	0.1555	0.0823	1.2100	4.4300e-003	0.6189	2.3100e-003	0.6212	0.1647	2.1300e-003	0.1668	0.0000	406.5769	406.5769	8.5500e-003	9.8500e-003	409.7247
Total	0.1699	0.6474	1.4065	6.8600e-003	0.7034	5.4900e-003	0.7089	0.1891	5.1700e-003	0.1943	0.0000	646.7233	646.7233	0.0177	0.0434	660.1072

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0145	0.5651	0.1965	2.4300e-003	0.0845	3.1800e-003	0.0877	0.0245	3.0400e-003	0.0275	0.0000	240.1465	240.1465	9.1900e-003	0.0336	250.3825
Worker	0.1555	0.0823	1.2100	4.4300e-003	0.6189	2.3100e-003	0.6212	0.1647	2.1300e-003	0.1668	0.0000	406.5769	406.5769	8.5500e-003	9.8500e-003	409.7247
Total	0.1699	0.6474	1.4065	6.8600e-003	0.7034	5.4900e-003	0.7089	0.1891	5.1700e-003	0.1943	0.0000	646.7233	646.7233	0.0177	0.0434	660.1072

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	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

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

3.5 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.5586	0.1934	2.3900e-003	0.0845	3.1400e-003	0.0877	0.0245	3.0000e-003	0.0275	0.0000	235.3791	235.3791	8.9500e-003	0.0329	245.3952
Worker	0.1467	0.0769	1.1651	4.3300e-003	0.6189	2.1600e-003	0.6210	0.1647	1.9900e-003	0.1667	0.0000	397.3731	397.3731	7.9500e-003	9.5000e-003	400.4036
Total	0.1608	0.6355	1.3585	6.7200e-003	0.7034	5.3000e-003	0.7087	0.1891	4.9900e-003	0.1941	0.0000	632.7522	632.7522	0.0169	0.0424	645.7988

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.5586	0.1934	2.3900e-003	0.0845	3.1400e-003	0.0877	0.0245	3.0000e-003	0.0275	0.0000	235.3791	235.3791	8.9500e-003	0.0329	245.3952
Worker	0.1467	0.0769	1.1651	4.3300e-003	0.6189	2.1600e-003	0.6210	0.1647	1.9900e-003	0.1667	0.0000	397.3731	397.3731	7.9500e-003	9.5000e-003	400.4036
Total	0.1608	0.6355	1.3585	6.7200e-003	0.7034	5.3000e-003	0.7087	0.1891	4.9900e-003	0.1941	0.0000	632.7522	632.7522	0.0169	0.0424	645.7988

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	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

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

3.5 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0139	0.5542	0.1910	2.3500e-003	0.0845	3.1100e-003	0.0877	0.0245	2.9800e-003	0.0274	0.0000	231.1979	231.1979	8.7100e-003	0.0322	241.0201
Worker	0.1379	0.0722	1.1252	4.2400e-003	0.6189	2.0200e-003	0.6209	0.1647	1.8600e-003	0.1665	0.0000	389.1501	389.1501	7.4000e-003	9.2100e-003	392.0789
Total	0.1518	0.6264	1.3162	6.5900e-003	0.7034	5.1300e-003	0.7085	0.1891	4.8400e-003	0.1940	0.0000	620.3481	620.3481	0.0161	0.0414	633.0991

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0139	0.5542	0.1910	2.3500e-003	0.0845	3.1100e-003	0.0877	0.0245	2.9800e-003	0.0274	0.0000	231.1979	231.1979	8.7100e-003	0.0322	241.0201
Worker	0.1379	0.0722	1.1252	4.2400e-003	0.6189	2.0200e-003	0.6209	0.1647	1.8600e-003	0.1665	0.0000	389.1501	389.1501	7.4000e-003	9.2100e-003	392.0789
Total	0.1518	0.6264	1.3162	6.5900e-003	0.7034	5.1300e-003	0.7085	0.1891	4.8400e-003	0.1940	0.0000	620.3481	620.3481	0.0161	0.0414	633.0991

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	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

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

3.5 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.5525	0.1900	2.3200e-003	0.0849	3.1000e-003	0.0880	0.0246	2.9600e-003	0.0275	0.0000	228.3385	228.3385	8.5200e-003	0.0318	238.0266
Worker	0.1307	0.0686	1.0951	4.1800e-003	0.6212	1.9000e-003	0.6231	0.1653	1.7400e-003	0.1671	0.0000	383.3192	383.3192	6.9500e-003	9.0000e-003	386.1752
Total	0.1445	0.6211	1.2851	6.5000e-003	0.7061	5.0000e-003	0.7111	0.1899	4.7000e-003	0.1946	0.0000	611.6578	611.6578	0.0155	0.0408	624.2018

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.5525	0.1900	2.3200e-003	0.0849	3.1000e-003	0.0880	0.0246	2.9600e-003	0.0275	0.0000	228.3385	228.3385	8.5200e-003	0.0318	238.0266
Worker	0.1307	0.0686	1.0951	4.1800e-003	0.6212	1.9000e-003	0.6231	0.1653	1.7400e-003	0.1671	0.0000	383.3192	383.3192	6.9500e-003	9.0000e-003	386.1752
Total	0.1445	0.6211	1.2851	6.5000e-003	0.7061	5.0000e-003	0.7111	0.1899	4.7000e-003	0.1946	0.0000	611.6578	611.6578	0.0155	0.0408	624.2018

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	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

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

3.5 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0136	0.5448	0.1874	2.2700e-003	0.0842	3.0600e-003	0.0873	0.0244	2.9200e-003	0.0273	0.0000	223.1849	223.1849	8.2700e-003	0.0311	232.6449
Worker	0.1228	0.0649	1.0572	4.0800e-003	0.6165	1.7600e-003	0.6183	0.1640	1.6200e-003	0.1657	0.0000	373.9885	373.9885	6.4800e-003	8.7300e-003	376.7535
Total	0.1364	0.6098	1.2446	6.3500e-003	0.7007	4.8200e-003	0.7055	0.1884	4.5400e-003	0.1930	0.0000	597.1734	597.1734	0.0148	0.0398	609.3984

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0136	0.5448	0.1874	2.2700e-003	0.0842	3.0600e-003	0.0873	0.0244	2.9200e-003	0.0273	0.0000	223.1849	223.1849	8.2700e-003	0.0311	232.6449
Worker	0.1228	0.0649	1.0572	4.0800e-003	0.6165	1.7600e-003	0.6183	0.1640	1.6200e-003	0.1657	0.0000	373.9885	373.9885	6.4800e-003	8.7300e-003	376.7535
Total	0.1364	0.6098	1.2446	6.3500e-003	0.7007	4.8200e-003	0.7055	0.1884	4.5400e-003	0.1930	0.0000	597.1734	597.1734	0.0148	0.0398	609.3984

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	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

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

3.5 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5419	0.1864	2.2400e-003	0.0842	3.0400e-003	0.0873	0.0244	2.9000e-003	0.0273	0.0000	220.1023	220.1023	8.0900e-003	0.0306	229.4242
Worker	0.1168	0.0624	1.0312	4.0200e-003	0.6165	1.6600e-003	0.6181	0.1640	1.5300e-003	0.1656	0.0000	368.3645	368.3645	6.1100e-003	8.5700e-003	371.0726
Total	0.1303	0.6043	1.2176	6.2600e-003	0.7007	4.7000e-003	0.7054	0.1884	4.4300e-003	0.1928	0.0000	588.4669	588.4669	0.0142	0.0392	600.4968

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5419	0.1864	2.2400e-003	0.0842	3.0400e-003	0.0873	0.0244	2.9000e-003	0.0273	0.0000	220.1023	220.1023	8.0900e-003	0.0306	229.4242
Worker	0.1168	0.0624	1.0312	4.0200e-003	0.6165	1.6600e-003	0.6181	0.1640	1.5300e-003	0.1656	0.0000	368.3645	368.3645	6.1100e-003	8.5700e-003	371.0726
Total	0.1303	0.6043	1.2176	6.2600e-003	0.7007	4.7000e-003	0.7054	0.1884	4.4300e-003	0.1928	0.0000	588.4669	588.4669	0.0142	0.0392	600.4968

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	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

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

3.5 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	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

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

3.5 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5429	0.1869	2.2300e-003	0.0849	3.0400e-003	0.0879	0.0246	2.9100e-003	0.0275	0.0000	218.9840	218.9840	7.9800e-003	0.0304	228.2524
Worker	0.1120	0.0608	1.0162	3.9900e-003	0.6212	1.5700e-003	0.6228	0.1653	1.4500e-003	0.1668	0.0000	366.2649	366.2649	5.8200e-003	8.5100e-003	368.9468
Total	0.1255	0.6037	1.2030	6.2200e-003	0.7061	4.6100e-003	0.7107	0.1899	4.3600e-003	0.1942	0.0000	585.2489	585.2489	0.0138	0.0389	597.1991

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5429	0.1869	2.2300e-003	0.0849	3.0400e-003	0.0879	0.0246	2.9100e-003	0.0275	0.0000	218.9840	218.9840	7.9800e-003	0.0304	228.2524
Worker	0.1120	0.0608	1.0162	3.9900e-003	0.6212	1.5700e-003	0.6228	0.1653	1.4500e-003	0.1668	0.0000	366.2649	366.2649	5.8200e-003	8.5100e-003	368.9468
Total	0.1255	0.6037	1.2030	6.2200e-003	0.7061	4.6100e-003	0.7107	0.1899	4.3600e-003	0.1942	0.0000	585.2489	585.2489	0.0138	0.0389	597.1991

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	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

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

3.5 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

3.5 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	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

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

3.5 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0135	0.5408	0.1862	2.2200e-003	0.0846	3.0300e-003	0.0876	0.0245	2.8900e-003	0.0274	0.0000	218.1482	218.1482	7.9500e-003	0.0303	227.3812
Worker	0.1116	0.0606	1.0123	3.9800e-003	0.6189	1.5700e-003	0.6204	0.1647	1.4400e-003	0.1661	0.0000	364.8669	364.8669	5.8000e-003	8.4800e-003	367.5386
Total	0.1250	0.6014	1.1984	6.2000e-003	0.7034	4.6000e-003	0.7080	0.1891	4.3300e-003	0.1935	0.0000	583.0151	583.0151	0.0138	0.0388	594.9198

3.5 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	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

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

3.5 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0134	0.5387	0.1854	2.2100e-003	0.0842	3.0200e-003	0.0872	0.0244	2.8800e-003	0.0273	0.0000	217.3124	217.3124	7.9200e-003	0.0302	226.5100
Worker	0.1112	0.0603	1.0084	3.9600e-003	0.6165	1.5600e-003	0.6180	0.1640	1.4400e-003	0.1655	0.0000	363.4689	363.4689	5.7800e-003	8.4500e-003	366.1304
Total	0.1246	0.5991	1.1938	6.1700e-003	0.7007	4.5800e-003	0.7053	0.1884	4.3200e-003	0.1927	0.0000	580.7813	580.7813	0.0137	0.0387	592.6404

Mitigated Construction On-Site

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

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

3.5 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0134	0.5387	0.1854	2.2100e-003	0.0842	3.0200e-003	0.0872	0.0244	2.8800e-003	0.0273	0.0000	217.3124	217.3124	7.9200e-003	0.0302	226.5100
Worker	0.1112	0.0603	1.0084	3.9600e-003	0.6165	1.5600e-003	0.6180	0.1640	1.4400e-003	0.1655	0.0000	363.4689	363.4689	5.7800e-003	8.4500e-003	366.1304
Total	0.1246	0.5991	1.1938	6.1700e-003	0.7007	4.5800e-003	0.7053	0.1884	4.3200e-003	0.1927	0.0000	580.7813	580.7813	0.0137	0.0387	592.6404

3.5 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

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

3.5 Building Construction - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0132	0.5307	0.1831	2.1200e-003	0.0846	2.9600e-003	0.0875	0.0245	2.8300e-003	0.0273	0.0000	207.8954	207.8954	7.2500e-003	0.0289	216.6803
Worker	0.0912	0.0546	0.9357	3.8100e-003	0.6189	1.2300e-003	0.6201	0.1647	1.1400e-003	0.1658	0.0000	349.1302	349.1302	4.6700e-003	8.1200e-003	351.6662
Total	0.1044	0.5853	1.1188	5.9300e-003	0.7034	4.1900e-003	0.7076	0.1891	3.9700e-003	0.1931	0.0000	557.0256	557.0256	0.0119	0.0370	568.3465

Mitigated Construction On-Site

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

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

3.5 Building Construction - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0132	0.5307	0.1831	2.1200e-003	0.0846	2.9600e-003	0.0875	0.0245	2.8300e-003	0.0273	0.0000	207.8954	207.8954	7.2500e-003	0.0289	216.6803
Worker	0.0912	0.0546	0.9357	3.8100e-003	0.6189	1.2300e-003	0.6201	0.1647	1.1400e-003	0.1658	0.0000	349.1302	349.1302	4.6700e-003	8.1200e-003	351.6662
Total	0.1044	0.5853	1.1188	5.9300e-003	0.7034	4.1900e-003	0.7076	0.1891	3.9700e-003	0.1931	0.0000	557.0256	557.0256	0.0119	0.0370	568.3465

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1502	0.2551	4.0000e-004		7.3200e-003	7.3200e-003		6.7400e-003	6.7400e-003	0.0000	35.0337	35.0337	0.0113	0.0000	35.3170
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0160	0.1502	0.2551	4.0000e-004		7.3200e-003	7.3200e-003		6.7400e-003	6.7400e-003	0.0000	35.0337	35.0337	0.0113	0.0000	35.3170

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

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	3.8000e-004	4.9400e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.0800e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.5198	1.5198	4.0000e-005	4.0000e-005	1.5327
Total	6.5000e-004	3.8000e-004	4.9400e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.0800e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.5198	1.5198	4.0000e-005	4.0000e-005	1.5327

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1502	0.2551	4.0000e-004		7.3200e-003	7.3200e-003		6.7400e-003	6.7400e-003	0.0000	35.0337	35.0337	0.0113	0.0000	35.3169
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0160	0.1502	0.2551	4.0000e-004		7.3200e-003	7.3200e-003		6.7400e-003	6.7400e-003	0.0000	35.0337	35.0337	0.0113	0.0000	35.3169

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3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5000e-004	3.8000e-004	4.9400e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.0800e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.5198	1.5198	4.0000e-005	4.0000e-005	1.5327
Total	6.5000e-004	3.8000e-004	4.9400e-003	2.0000e-005	2.0700e-003	1.0000e-005	2.0800e-003	5.5000e-004	1.0000e-005	5.6000e-004	0.0000	1.5198	1.5198	4.0000e-005	4.0000e-005	1.5327

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1954					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9700e-003	0.0601	0.0950	1.6000e-004		2.7000e-003	2.7000e-003		2.7000e-003	2.7000e-003	0.0000	13.4046	13.4046	7.3000e-004	0.0000	13.4229
Total	0.2044	0.0601	0.0950	1.6000e-004		2.7000e-003	2.7000e-003		2.7000e-003	2.7000e-003	0.0000	13.4046	13.4046	7.3000e-004	0.0000	13.4229

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

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0155	9.2400e-003	0.1186	4.0000e-004	0.0496	2.4000e-004	0.0499	0.0132	2.2000e-004	0.0134	0.0000	36.4742	36.4742	9.5000e-004	9.6000e-004	36.7841
Total	0.0155	9.2400e-003	0.1186	4.0000e-004	0.0496	2.4000e-004	0.0499	0.0132	2.2000e-004	0.0134	0.0000	36.4742	36.4742	9.5000e-004	9.6000e-004	36.7841

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1954					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9700e-003	0.0601	0.0950	1.6000e-004		2.7000e-003	2.7000e-003		2.7000e-003	2.7000e-003	0.0000	13.4046	13.4046	7.3000e-004	0.0000	13.4229
Total	0.2044	0.0601	0.0950	1.6000e-004		2.7000e-003	2.7000e-003		2.7000e-003	2.7000e-003	0.0000	13.4046	13.4046	7.3000e-004	0.0000	13.4229

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

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0155	9.2400e-003	0.1186	4.0000e-004	0.0496	2.4000e-004	0.0499	0.0132	2.2000e-004	0.0134	0.0000	36.4742	36.4742	9.5000e-004	9.6000e-004	36.7841
Total	0.0155	9.2400e-003	0.1186	4.0000e-004	0.0496	2.4000e-004	0.0499	0.0132	2.2000e-004	0.0134	0.0000	36.4742	36.4742	9.5000e-004	9.6000e-004	36.7841

3.7 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	0.4857					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	0.5080	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

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

3.7 Architectural Coating - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0209	0.2781	9.6000e-004	0.1234	5.6000e-004	0.1239	0.0328	5.2000e-004	0.0333	0.0000	87.8877	87.8877	2.1700e-003	2.2500e-003	88.6127
Total	0.0365	0.0209	0.2781	9.6000e-004	0.1234	5.6000e-004	0.1239	0.0328	5.2000e-004	0.0333	0.0000	87.8877	87.8877	2.1700e-003	2.2500e-003	88.6127

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5080	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

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

3.7 Architectural Coating - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0209	0.2781	9.6000e-004	0.1234	5.6000e-004	0.1239	0.0328	5.2000e-004	0.0333	0.0000	87.8877	87.8877	2.1700e-003	2.2500e-003	88.6127
Total	0.0365	0.0209	0.2781	9.6000e-004	0.1234	5.6000e-004	0.1239	0.0328	5.2000e-004	0.0333	0.0000	87.8877	87.8877	2.1700e-003	2.2500e-003	88.6127

3.7 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4857					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	0.5080	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

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3.7 Architectural Coating - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0346	0.0191	0.2637	9.3000e-004	0.1234	5.3000e-004	0.1239	0.0328	4.9000e-004	0.0333	0.0000	85.3638	85.3638	1.9900e-003	2.1400e-003	86.0507
Total	0.0346	0.0191	0.2637	9.3000e-004	0.1234	5.3000e-004	0.1239	0.0328	4.9000e-004	0.0333	0.0000	85.3638	85.3638	1.9900e-003	2.1400e-003	86.0507

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5080	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

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3.7 Architectural Coating - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0346	0.0191	0.2637	9.3000e-004	0.1234	5.3000e-004	0.1239	0.0328	4.9000e-004	0.0333	0.0000	85.3638	85.3638	1.9900e-003	2.1400e-003	86.0507
Total	0.0346	0.0191	0.2637	9.3000e-004	0.1234	5.3000e-004	0.1239	0.0328	4.9000e-004	0.0333	0.0000	85.3638	85.3638	1.9900e-003	2.1400e-003	86.0507

3.7 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	0.4838					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	0.5061	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

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3.7 Architectural Coating - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0327	0.0176	0.2508	9.0000e-004	0.1229	4.9000e-004	0.1234	0.0327	4.5000e-004	0.0332	0.0000	82.7738	82.7738	1.8300e-003	2.0400e-003	83.4262
Total	0.0327	0.0176	0.2508	9.0000e-004	0.1229	4.9000e-004	0.1234	0.0327	4.5000e-004	0.0332	0.0000	82.7738	82.7738	1.8300e-003	2.0400e-003	83.4262

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4838					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	0.5061	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

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

3.7 Architectural Coating - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0327	0.0176	0.2508	9.0000e-004	0.1229	4.9000e-004	0.1234	0.0327	4.5000e-004	0.0332	0.0000	82.7738	82.7738	1.8300e-003	2.0400e-003	83.4262
Total	0.0327	0.0176	0.2508	9.0000e-004	0.1229	4.9000e-004	0.1234	0.0327	4.5000e-004	0.0332	0.0000	82.7738	82.7738	1.8300e-003	2.0400e-003	83.4262

3.7 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	0.4857					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	0.5080	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

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3.7 Architectural Coating - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0310	0.0164	0.2412	8.8000e-004	0.1234	4.6000e-004	0.1238	0.0328	4.2000e-004	0.0333	0.0000	81.0452	81.0452	1.7100e-003	1.9600e-003	81.6727
Total	0.0310	0.0164	0.2412	8.8000e-004	0.1234	4.6000e-004	0.1238	0.0328	4.2000e-004	0.0333	0.0000	81.0452	81.0452	1.7100e-003	1.9600e-003	81.6727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5080	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

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3.7 Architectural Coating - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0310	0.0164	0.2412	8.8000e-004	0.1234	4.6000e-004	0.1238	0.0328	4.2000e-004	0.0333	0.0000	81.0452	81.0452	1.7100e-003	1.9600e-003	81.6727
Total	0.0310	0.0164	0.2412	8.8000e-004	0.1234	4.6000e-004	0.1238	0.0328	4.2000e-004	0.0333	0.0000	81.0452	81.0452	1.7100e-003	1.9600e-003	81.6727

3.7 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	0.4857					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	0.5028	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

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

3.7 Architectural Coating - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0292	0.0153	0.2323	8.6000e-004	0.1234	4.3000e-004	0.1238	0.0328	4.0000e-004	0.0332	0.0000	79.2106	79.2106	1.5800e-003	1.8900e-003	79.8147
Total	0.0292	0.0153	0.2323	8.6000e-004	0.1234	4.3000e-004	0.1238	0.0328	4.0000e-004	0.0332	0.0000	79.2106	79.2106	1.5800e-003	1.8900e-003	79.8147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5028	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

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

3.7 Architectural Coating - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0292	0.0153	0.2323	8.6000e-004	0.1234	4.3000e-004	0.1238	0.0328	4.0000e-004	0.0332	0.0000	79.2106	79.2106	1.5800e-003	1.8900e-003	79.8147
Total	0.0292	0.0153	0.2323	8.6000e-004	0.1234	4.3000e-004	0.1238	0.0328	4.0000e-004	0.0332	0.0000	79.2106	79.2106	1.5800e-003	1.8900e-003	79.8147

3.7 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	0.4857					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	0.5028	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

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

3.7 Architectural Coating - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0275	0.0144	0.2243	8.5000e-004	0.1234	4.0000e-004	0.1238	0.0328	3.7000e-004	0.0332	0.0000	77.5715	77.5715	1.4800e-003	1.8400e-003	78.1553
Total	0.0275	0.0144	0.2243	8.5000e-004	0.1234	4.0000e-004	0.1238	0.0328	3.7000e-004	0.0332	0.0000	77.5715	77.5715	1.4800e-003	1.8400e-003	78.1553

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5028	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

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3.7 Architectural Coating - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0275	0.0144	0.2243	8.5000e-004	0.1234	4.0000e-004	0.1238	0.0328	3.7000e-004	0.0332	0.0000	77.5715	77.5715	1.4800e-003	1.8400e-003	78.1553
Total	0.0275	0.0144	0.2243	8.5000e-004	0.1234	4.0000e-004	0.1238	0.0328	3.7000e-004	0.0332	0.0000	77.5715	77.5715	1.4800e-003	1.8400e-003	78.1553

3.7 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	0.4876					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	0.5047	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0261	0.0137	0.2183	8.3000e-004	0.1238	3.8000e-004	0.1242	0.0330	3.5000e-004	0.0333	0.0000	76.4092	76.4092	1.3900e-003	1.7900e-003	76.9784
Total	0.0261	0.0137	0.2183	8.3000e-004	0.1238	3.8000e-004	0.1242	0.0330	3.5000e-004	0.0333	0.0000	76.4092	76.4092	1.3900e-003	1.7900e-003	76.9784

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4876					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	0.5047	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0261	0.0137	0.2183	8.3000e-004	0.1238	3.8000e-004	0.1242	0.0330	3.5000e-004	0.0333	0.0000	76.4092	76.4092	1.3900e-003	1.7900e-003	76.9784
Total	0.0261	0.0137	0.2183	8.3000e-004	0.1238	3.8000e-004	0.1242	0.0330	3.5000e-004	0.0333	0.0000	76.4092	76.4092	1.3900e-003	1.7900e-003	76.9784

3.7 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	0.4838					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	0.5008	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0245	0.0129	0.2108	8.1000e-004	0.1229	3.5000e-004	0.1232	0.0327	3.2000e-004	0.0330	0.0000	74.5492	74.5492	1.2900e-003	1.7400e-003	75.1004
Total	0.0245	0.0129	0.2108	8.1000e-004	0.1229	3.5000e-004	0.1232	0.0327	3.2000e-004	0.0330	0.0000	74.5492	74.5492	1.2900e-003	1.7400e-003	75.1004

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4838					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	0.5008	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0245	0.0129	0.2108	8.1000e-004	0.1229	3.5000e-004	0.1232	0.0327	3.2000e-004	0.0330	0.0000	74.5492	74.5492	1.2900e-003	1.7400e-003	75.1004
Total	0.0245	0.0129	0.2108	8.1000e-004	0.1229	3.5000e-004	0.1232	0.0327	3.2000e-004	0.0330	0.0000	74.5492	74.5492	1.2900e-003	1.7400e-003	75.1004

3.7 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	0.4838					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	0.5008	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0124	0.2056	8.0000e-004	0.1229	3.3000e-004	0.1232	0.0327	3.0000e-004	0.0330	0.0000	73.4282	73.4282	1.2200e-003	1.7100e-003	73.9680
Total	0.0233	0.0124	0.2056	8.0000e-004	0.1229	3.3000e-004	0.1232	0.0327	3.0000e-004	0.0330	0.0000	73.4282	73.4282	1.2200e-003	1.7100e-003	73.9680

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4838					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	0.5008	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0233	0.0124	0.2056	8.0000e-004	0.1229	3.3000e-004	0.1232	0.0327	3.0000e-004	0.0330	0.0000	73.4282	73.4282	1.2200e-003	1.7100e-003	73.9680
Total	0.0233	0.0124	0.2056	8.0000e-004	0.1229	3.3000e-004	0.1232	0.0327	3.0000e-004	0.0330	0.0000	73.4282	73.4282	1.2200e-003	1.7100e-003	73.9680

3.7 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	0.4857					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	0.5011	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5011	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

3.7 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	0.4876					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	0.5030	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0223	0.0121	0.2026	8.0000e-004	0.1238	3.1000e-004	0.1242	0.0330	2.9000e-004	0.0332	0.0000	73.0096	73.0096	1.1600e-003	1.7000e-003	73.5442
Total	0.0223	0.0121	0.2026	8.0000e-004	0.1238	3.1000e-004	0.1242	0.0330	2.9000e-004	0.0332	0.0000	73.0096	73.0096	1.1600e-003	1.7000e-003	73.5442

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4876					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	0.5030	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0223	0.0121	0.2026	8.0000e-004	0.1238	3.1000e-004	0.1242	0.0330	2.9000e-004	0.0332	0.0000	73.0096	73.0096	1.1600e-003	1.7000e-003	73.5442
Total	0.0223	0.0121	0.2026	8.0000e-004	0.1238	3.1000e-004	0.1242	0.0330	2.9000e-004	0.0332	0.0000	73.0096	73.0096	1.1600e-003	1.7000e-003	73.5442

3.7 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	0.4857					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	0.5011	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5011	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

3.7 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	0.4857					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	0.5011	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5011	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635
Total	0.0222	0.0121	0.2018	7.9000e-004	0.1234	3.1000e-004	0.1237	0.0328	2.9000e-004	0.0331	0.0000	72.7309	72.7309	1.1600e-003	1.6900e-003	73.2635

3.7 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	0.4838					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	0.4992	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0120	0.2010	7.9000e-004	0.1229	3.1000e-004	0.1232	0.0327	2.9000e-004	0.0330	0.0000	72.4523	72.4523	1.1500e-003	1.6800e-003	72.9828
Total	0.0222	0.0120	0.2010	7.9000e-004	0.1229	3.1000e-004	0.1232	0.0327	2.9000e-004	0.0330	0.0000	72.4523	72.4523	1.1500e-003	1.6800e-003	72.9828

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4838					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	0.4992	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0222	0.0120	0.2010	7.9000e-004	0.1229	3.1000e-004	0.1232	0.0327	2.9000e-004	0.0330	0.0000	72.4523	72.4523	1.1500e-003	1.6800e-003	72.9828
Total	0.0222	0.0120	0.2010	7.9000e-004	0.1229	3.1000e-004	0.1232	0.0327	2.9000e-004	0.0330	0.0000	72.4523	72.4523	1.1500e-003	1.6800e-003	72.9828

3.7 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	0.4857					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	0.5007	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

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3.7 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0182	0.0109	0.1865	7.6000e-004	0.1234	2.5000e-004	0.1236	0.0328	2.3000e-004	0.0331	0.0000	69.5941	69.5941	9.3000e-004	1.6200e-003	70.0996
Total	0.0182	0.0109	0.1865	7.6000e-004	0.1234	2.5000e-004	0.1236	0.0328	2.3000e-004	0.0331	0.0000	69.5941	69.5941	9.3000e-004	1.6200e-003	70.0996

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4857					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	0.5007	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

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

3.7 Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0182	0.0109	0.1865	7.6000e-004	0.1234	2.5000e-004	0.1236	0.0328	2.3000e-004	0.0331	0.0000	69.5941	69.5941	9.3000e-004	1.6200e-003	70.0996
Total	0.0182	0.0109	0.1865	7.6000e-004	0.1234	2.5000e-004	0.1236	0.0328	2.3000e-004	0.0331	0.0000	69.5941	69.5941	9.3000e-004	1.6200e-003	70.0996

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4921	1.3269	14.8166	0.0304	4.3606	0.0144	4.3750	1.1642	0.0135	1.1777	0.0000	2,804.474 4	2,804.474 4	0.1749	0.1270	2,846.690 7
Unmitigated	1.4921	1.3269	14.8166	0.0304	4.3606	0.0144	4.3750	1.1642	0.0135	1.1777	0.0000	2,804.474 4	2,804.474 4	0.1749	0.1270	2,846.690 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	4,177.52	4,177.52	4177.52	9,648,434	9,648,434
Single Family Housing	970.48	970.48	970.48	2,241,425	2,241,425
Total	5,148.00	5,148.00	5,148.00	11,889,859	11,889,859

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
Condo/Townhouse	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730
Single Family Housing	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730

5.0 Energy Detail

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

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	461.0910	461.0910	0.0746	9.0400e-003	465.6503
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	461.0910	461.0910	0.0746	9.0400e-003	465.6503
NaturalGas Mitigated	0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,190.8710	1,190.8710	0.0228	0.0218	1,197.9477
NaturalGas Unmitigated	0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,190.8710	1,190.8710	0.0228	0.0218	1,197.9477

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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					
Condo/Townhouse	1.56012e+007	0.0841	0.7189	0.3059	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.5405	832.5405	0.0160	0.0153	837.4879
Single Family Housing	6.71486e+006	0.0362	0.3094	0.1317	1.9700e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.3304	358.3304	6.8700e-003	6.5700e-003	360.4598
Total		0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,190.8710	1,190.8710	0.0228	0.0218	1,197.9477

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					
Condo/Townhouse	1.56012e+007	0.0841	0.7189	0.3059	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.5405	832.5405	0.0160	0.0153	837.4879
Single Family Housing	6.71486e+006	0.0362	0.3094	0.1317	1.9700e-003		0.0250	0.0250		0.0250	0.0250	0.0000	358.3304	358.3304	6.8700e-003	6.5700e-003	360.4598
Total		0.1203	1.0283	0.4376	6.5600e-003		0.0831	0.0831		0.0831	0.0831	0.0000	1,190.8710	1,190.8710	0.0228	0.0218	1,197.9477

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	3.62446e+006	335.3483	0.0543	6.5800e-003	338.6643
Single Family Housing	1.35903e+006	125.7426	0.0203	2.4700e-003	126.9860
Total		461.0910	0.0746	9.0500e-003	465.6503

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	3.62446e+006	335.3483	0.0543	6.5800e-003	338.6643
Single Family Housing	1.35903e+006	125.7426	0.0203	2.4700e-003	126.9860
Total		461.0910	0.0746	9.0500e-003	465.6503

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423
Unmitigated	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7477					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.1484					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.7537	0.0623	3.8710	7.8100e-003		0.5553	0.5553		0.5553	0.5553	56.2640	19.4562	75.7202	0.0967	3.5000e-003	79.1810
Landscaping	0.2041	0.0788	6.8233	3.6000e-004		0.0380	0.0380		0.0380	0.0380	0.0000	11.1949	11.1949	0.0107	0.0000	11.4613
Total	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7477					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.1484					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.7537	0.0623	3.8710	7.8100e-003		0.5553	0.5553		0.5553	0.5553	56.2640	19.4562	75.7202	0.0967	3.5000e-003	79.1810
Landscaping	0.2041	0.0788	6.8233	3.6000e-004		0.0380	0.0380		0.0380	0.0380	0.0000	11.1949	11.1949	0.0107	0.0000	11.4613
Total	7.8540	0.1410	10.6943	8.1700e-003		0.5933	0.5933		0.5933	0.5933	56.2640	30.6511	86.9151	0.1073	3.5000e-003	90.6423

7.0 Water Detail

7.1 Mitigation Measures Water

Tiburon GP Update 2040 - Marin 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	61.4635	1.9664	0.0471	124.6603
Unmitigated	61.4635	1.9664	0.0471	124.6603

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	48.8004 / 30.7654	49.8767	1.5957	0.0382	101.1599
Single Family Housing	11.3368 / 7.14711	11.5868	0.3707	8.8800e-003	23.5004
Total		61.4635	1.9664	0.0471	124.6603

Tiburon GP Update 2040 - Marin 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			
Condo/Townhouse	48.8004 / 30.7654	49.8767	1.5957	0.0382	101.1599
Single Family Housing	11.3368 / 7.14711	11.5868	0.3707	8.8800e-003	23.5004
Total		61.4635	1.9664	0.0471	124.6603

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	112.3961	6.6424	0.0000	278.4566
Unmitigated	112.3961	6.6424	0.0000	278.4566

Tiburon GP Update 2040 - Marin County, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	344.54	69.9385	4.1333	0.0000	173.2697
Single Family Housing	209.16	42.4576	2.5092	0.0000	105.1869
Total		112.3961	6.6424	0.0000	278.4566

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	344.54	69.9385	4.1333	0.0000	173.2697
Single Family Housing	209.16	42.4576	2.5092	0.0000	105.1869
Total		112.3961	6.6424	0.0000	278.4566

9.0 Operational Offroad

Tiburon GP Update 2040 - Marin County, Annual

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

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

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Tiburon GP Update 2040 - Marin County, Summer

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

**Tiburon GP Update 2040
Marin County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	174.00	Dwelling Unit	13.96	313,200.00	498
Condo/Townhouse	749.00	Dwelling Unit	11.57	749,000.00	2142

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	69
Climate Zone	5			Operational Year	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Operational Year: 2040

Land Use - Max. development modeled - 923 total residences. 174 single-family, 677 multi-family, and 72 ADUs. Multi-family & ADUs residences modeled as Condo/Townhouse. Total development = approx. 25.54 acres. Lot acres adjusted from defaults to reflect.

Construction Phase - Default CalEEMod construction phases kept as default, except for building construction and architectural coating phases, which were expanded through to the buildout year (2040).

Demolition - Demolition of approx. 129,682 square feet of commercial buildings.

Vehicle Trips - Trips as provided by GHD (Traffic consultant). 5,148 trips for a total of 923 dwelling units = 5.577465 trips per DU.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	4,018.00
tblConstructionPhase	NumDays	440.00	4,493.00
tblConstructionPhase	PhaseEndDate	9/24/2025	12/31/2040

Tiburon GP Update 2040 - Marin County, Summer

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

tblConstructionPhase	PhaseEndDate	6/18/2025	12/31/2040
tblLandUse	LotAcreage	56.49	13.96
tblLandUse	LotAcreage	46.81	11.57
tblVehicleTrips	ST_TR	8.14	5.58
tblVehicleTrips	ST_TR	9.54	5.58
tblVehicleTrips	SU_TR	6.28	5.58
tblVehicleTrips	SU_TR	8.55	5.58
tblVehicleTrips	WD_TR	7.32	5.58
tblVehicleTrips	WD_TR	9.44	5.58

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Tiburon GP Update 2040 - Marin 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	3.4650	34.5477	31.8875	0.0913	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	9,219.1168	9,219.1168	1.9480	0.4283	9,366.9744
2024	3.2466	18.7925	30.7550	0.0895	5.6156	0.6629	6.2785	1.5047	0.6235	2.1281	0.0000	9,041.0228	9,041.0228	0.7936	0.4153	9,184.6353
2025	7.2420	26.2766	44.6461	0.1116	6.6014	0.9950	7.2333	1.7662	0.9272	2.4646	0.0000	11,167.9925	11,167.9925	1.4952	0.4213	11,326.0942
2026	7.1370	18.8306	33.0926	0.0969	6.6014	0.6303	7.2318	1.7662	0.5959	2.3621	0.0000	9,765.5570	9,765.5570	0.8018	0.4087	9,907.4019
2027	7.0389	18.6948	32.3322	0.0952	6.6014	0.6285	7.2299	1.7662	0.5942	2.3604	0.0000	9,584.0658	9,584.0658	0.7916	0.3968	9,722.1020
2028	6.9483	18.5817	31.7047	0.0936	6.6015	0.6266	7.2280	1.7662	0.5924	2.3586	0.0000	9,418.2173	9,418.2173	0.7825	0.3859	9,552.7899
2029	6.8567	18.4529	31.1490	0.0920	6.6015	0.6246	7.2261	1.7662	0.5906	2.3568	0.0000	9,259.0896	9,259.0896	0.7739	0.3749	9,390.1406
2030	6.6708	13.5372	30.7417	0.0947	6.6015	0.2123	6.8138	1.7662	0.2097	1.9759	0.0000	9,460.5112	9,460.5112	0.2774	0.3656	9,576.3964
2031	6.5837	13.4665	30.3295	0.0935	6.6015	0.2108	6.8123	1.7662	0.2083	1.9745	0.0000	9,336.4726	9,336.4726	0.2703	0.3575	9,449.7749
2032	6.5075	13.4068	29.9800	0.0925	6.6015	0.2094	6.8109	1.7662	0.2070	1.9732	0.0000	9,226.2985	9,226.2985	0.2639	0.3506	9,337.3761
2033	6.4393	13.3558	29.6806	0.0915	6.6015	0.2082	6.8097	1.7662	0.2059	1.9721	0.0000	9,128.0631	9,128.0631	0.2583	0.3445	9,237.1879
2034	6.3791	13.3132	29.4171	0.0907	6.6015	0.2071	6.8086	1.7662	0.2048	1.9710	0.0000	9,041.0704	9,041.0704	0.2533	0.3392	9,148.4909
2035	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2036	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2037	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2038	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2039	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2040	5.9922	11.9763	28.3775	0.0875	6.6015	0.1151	6.7167	1.7662	0.1133	1.8795	0.0000	8,708.2070	8,708.2070	0.2187	0.3190	8,808.7498
Maximum	7.2420	34.5477	44.6461	0.1116	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	11,167.9925	11,167.9925	1.9480	0.4283	11,326.0942

Tiburon GP Update 2040 - Marin 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

Tiburon GP Update 2040 - Marin 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	3.4650	34.5477	31.8875	0.0913	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	9,219.1168	9,219.1168	1.9480	0.4283	9,366.9743
2024	3.2466	18.7925	30.7550	0.0895	5.6156	0.6629	6.2785	1.5047	0.6235	2.1281	0.0000	9,041.0228	9,041.0228	0.7936	0.4153	9,184.6353
2025	7.2420	26.2766	44.6461	0.1116	6.6014	0.9950	7.2333	1.7662	0.9272	2.4646	0.0000	11,167.9925	11,167.9925	1.4952	0.4213	11,326.0942
2026	7.1370	18.8306	33.0926	0.0969	6.6014	0.6303	7.2318	1.7662	0.5959	2.3621	0.0000	9,765.5570	9,765.5570	0.8018	0.4087	9,907.4019
2027	7.0389	18.6948	32.3322	0.0952	6.6014	0.6285	7.2299	1.7662	0.5942	2.3604	0.0000	9,584.0658	9,584.0658	0.7916	0.3968	9,722.1020
2028	6.9483	18.5817	31.7047	0.0936	6.6015	0.6266	7.2280	1.7662	0.5924	2.3586	0.0000	9,418.2173	9,418.2173	0.7825	0.3859	9,552.7899
2029	6.8567	18.4529	31.1490	0.0920	6.6015	0.6246	7.2261	1.7662	0.5906	2.3568	0.0000	9,259.0896	9,259.0896	0.7739	0.3749	9,390.1406
2030	6.6708	13.5372	30.7417	0.0947	6.6015	0.2123	6.8138	1.7662	0.2097	1.9759	0.0000	9,460.5112	9,460.5112	0.2774	0.3656	9,576.3964
2031	6.5837	13.4665	30.3295	0.0935	6.6015	0.2108	6.8123	1.7662	0.2083	1.9745	0.0000	9,336.4726	9,336.4726	0.2703	0.3575	9,449.7749
2032	6.5075	13.4068	29.9800	0.0925	6.6015	0.2094	6.8109	1.7662	0.2070	1.9732	0.0000	9,226.2985	9,226.2985	0.2639	0.3506	9,337.3761
2033	6.4393	13.3558	29.6806	0.0915	6.6015	0.2082	6.8097	1.7662	0.2059	1.9721	0.0000	9,128.0631	9,128.0631	0.2583	0.3445	9,237.1879
2034	6.3791	13.3132	29.4171	0.0907	6.6015	0.2071	6.8086	1.7662	0.2048	1.9710	0.0000	9,041.0704	9,041.0704	0.2533	0.3392	9,148.4909
2035	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2036	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2037	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2038	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2039	6.2180	12.4012	29.1443	0.0899	6.6015	0.1379	6.7394	1.7662	0.1357	1.9019	0.0000	8,964.4446	8,964.4446	0.2394	0.3346	9,070.1428
2040	5.9922	11.9763	28.3775	0.0875	6.6015	0.1151	6.7167	1.7662	0.1133	1.8795	0.0000	8,708.2070	8,708.2070	0.2187	0.3190	8,808.7498
Maximum	7.2420	34.5477	44.6461	0.1116	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	11,167.9925	11,167.9925	1.9480	0.4283	11,326.0942

Tiburon GP Update 2040 - Marin 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	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Energy	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
Mobile	9.0919	6.6104	79.3705	0.1763	24.9795	0.0794	25.0590	6.6472	0.0741	6.7213		17,900.1449	17,900.1449	1.0001	0.7242	18,140.9431
Total	527.2001	23.4017	797.7660	1.4395	24.9795	91.7102	116.6898	6.6472	91.7049	98.3521	9,815.5947	29,080.6048	38,896.1995	14.2326	1.5494	39,713.7319

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	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Energy	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
Mobile	9.0919	6.6104	79.3705	0.1763	24.9795	0.0794	25.0590	6.6472	0.0741	6.7213		17,900.1449	17,900.1449	1.0001	0.7242	18,140.9431
Total	527.2001	23.4017	797.7660	1.4395	24.9795	91.7102	116.6898	6.6472	91.7049	98.3521	9,815.5947	29,080.6048	38,896.1995	14.2326	1.5494	39,713.7319

Tiburon GP Update 2040 - Marin 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	6/1/2023	7/12/2023	5	30	
2	Site Preparation	Site Preparation	7/13/2023	8/9/2023	5	20	
3	Grading	Grading	8/10/2023	10/11/2023	5	45	
4	Building Construction	Building Construction	10/12/2023	12/31/2040	5	4493	
5	Paving	Paving	6/19/2025	8/6/2025	5	35	
6	Architectural Coating	Architectural Coating	8/7/2025	12/31/2040	5	4018	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 0

Residential Indoor: 2,150,955; Residential Outdoor: 716,985; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	2	8.00	158	0.38

Tiburon GP Update 2040 - Marin County, Summer

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

Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	590.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	602.00	99.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Tiburon GP Update 2040 - Marin 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 On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2551	0.0000	4.2551	0.6443	0.0000	0.6443			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	4.2551	0.9975	5.2526	0.6443	0.9280	1.5723		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	0.0450	2.8397	0.8294	0.0121	0.3438	0.0214	0.3651	0.0942	0.0204	0.1147		1,361.1833	1,361.1833	0.0877	0.2170	1,428.0437
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0437	0.0241	0.3462	1.0800e-003	0.1232	6.3000e-004	0.1239	0.0327	5.8000e-004	0.0333		109.1896	109.1896	2.8300e-003	2.6600e-003	110.0514
Total	0.0888	2.8637	1.1755	0.0132	0.4670	0.0220	0.4890	0.1269	0.0210	0.1479		1,470.3729	1,470.3729	0.0905	0.2197	1,538.0951

Tiburon GP Update 2040 - Marin 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					
Fugitive Dust					4.2551	0.0000	4.2551	0.6443	0.0000	0.6443			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	4.2551	0.9975	5.2526	0.6443	0.9280	1.5723	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	0.0450	2.8397	0.8294	0.0121	0.3438	0.0214	0.3651	0.0942	0.0204	0.1147		1,361.1833	1,361.1833	0.0877	0.2170	1,428.0437
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0437	0.0241	0.3462	1.0800e-003	0.1232	6.3000e-004	0.1239	0.0327	5.8000e-004	0.0333		109.1896	109.1896	2.8300e-003	2.6600e-003	110.0514
Total	0.0888	2.8637	1.1755	0.0132	0.4670	0.0220	0.4890	0.1269	0.0210	0.1479		1,470.3729	1,470.3729	0.0905	0.2197	1,538.0951

Tiburon GP Update 2040 - Marin County, Summer

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

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.308 1	3,687.308 1	1.1926		3,717.121 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0525	0.0289	0.4154	1.3000e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		131.0275	131.0275	3.3900e-003	3.1900e-003	132.0617
Total	0.0525	0.0289	0.4154	1.3000e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		131.0275	131.0275	3.3900e-003	3.1900e-003	132.0617

Tiburon GP Update 2040 - Marin County, Summer

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

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0525	0.0289	0.4154	1.3000e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		131.0275	131.0275	3.3900e-003	3.1900e-003	132.0617
Total	0.0525	0.0289	0.4154	1.3000e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		131.0275	131.0275	3.3900e-003	3.1900e-003	132.0617

Tiburon GP Update 2040 - Marin County, Summer

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

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0583	0.0321	0.4616	1.4400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		145.5861	145.5861	3.7700e-003	3.5400e-003	146.7352
Total	0.0583	0.0321	0.4616	1.4400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		145.5861	145.5861	3.7700e-003	3.5400e-003	146.7352

Tiburon GP Update 2040 - Marin County, Summer

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

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0583	0.0321	0.4616	1.4400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		145.5861	145.5861	3.7700e-003	3.5400e-003	146.7352
Total	0.0583	0.0321	0.4616	1.4400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		145.5861	145.5861	3.7700e-003	3.5400e-003	146.7352

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1374	4.5280	1.7507	0.0210	0.6703	0.0257	0.6960	0.1930	0.0245	0.2175		2,281.7663	2,281.7663	0.0882	0.3217	2,379.8378
Worker	1.7548	0.9663	13.8927	0.0434	4.9453	0.0251	4.9704	1.3117	0.0231	1.3348		4,382.1406	4,382.1406	0.1134	0.1066	4,416.7305
Total	1.8922	5.4943	15.6435	0.0643	5.6156	0.0507	5.6663	1.5047	0.0477	1.5523		6,663.9069	6,663.9069	0.2016	0.4283	6,796.5683

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1374	4.5280	1.7507	0.0210	0.6703	0.0257	0.6960	0.1930	0.0245	0.2175		2,281.7663	2,281.7663	0.0882	0.3217	2,379.8378
Worker	1.7548	0.9663	13.8927	0.0434	4.9453	0.0251	4.9704	1.3117	0.0231	1.3348		4,382.1406	4,382.1406	0.1134	0.1066	4,416.7305
Total	1.8922	5.4943	15.6435	0.0643	5.6156	0.0507	5.6663	1.5047	0.0477	1.5523		6,663.9069	6,663.9069	0.2016	0.4283	6,796.5683

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1312	4.4868	1.6818	0.0206	0.6703	0.0258	0.6961	0.1930	0.0246	0.2176		2,244.5503	2,244.5503	0.0866	0.3161	2,340.9251
Worker	1.6438	0.8619	12.9064	0.0420	4.9453	0.0238	4.9691	1.3117	0.0219	1.3337		4,240.7736	4,240.7736	0.1026	0.0992	4,272.9025
Total	1.7751	5.3487	14.5881	0.0626	5.6156	0.0496	5.6652	1.5047	0.0466	1.5512		6,485.3239	6,485.3239	0.1892	0.4153	6,613.8276

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1312	4.4868	1.6818	0.0206	0.6703	0.0258	0.6961	0.1930	0.0246	0.2176		2,244.5503	2,244.5503	0.0866	0.3161	2,340.9251
Worker	1.6438	0.8619	12.9064	0.0420	4.9453	0.0238	4.9691	1.3117	0.0219	1.3337		4,240.7736	4,240.7736	0.1026	0.0992	4,272.9025
Total	1.7751	5.3487	14.5881	0.0626	5.6156	0.0496	5.6652	1.5047	0.0466	1.5512		6,485.3239	6,485.3239	0.1892	0.4153	6,613.8276

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1261	4.4304	1.6251	0.0203	0.6703	0.0256	0.6960	0.1930	0.0245	0.2175		2,203.678 6	2,203.678 6	0.0850	0.3099	2,298.161 0
Worker	1.5473	0.7755	12.0579	0.0406	4.9453	0.0227	4.9680	1.3117	0.0209	1.3326		4,098.960 8	4,098.960 8	0.0932	0.0929	4,128.966 1
Total	1.6734	5.2059	13.6831	0.0608	5.6156	0.0483	5.6639	1.5047	0.0454	1.5501		6,302.639 4	6,302.639 4	0.1782	0.4028	6,427.127 1

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1261	4.4304	1.6251	0.0203	0.6703	0.0256	0.6960	0.1930	0.0245	0.2175		2,203.678 6	2,203.678 6	0.0850	0.3099	2,298.161 0
Worker	1.5473	0.7755	12.0579	0.0406	4.9453	0.0227	4.9680	1.3117	0.0209	1.3326		4,098.960 8	4,098.960 8	0.0932	0.0929	4,128.966 1
Total	1.6734	5.2059	13.6831	0.0608	5.6156	0.0483	5.6639	1.5047	0.0454	1.5501		6,302.639 4	6,302.639 4	0.1782	0.4028	6,427.127 1

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1221	4.3697	1.5811	0.0199	0.6704	0.0254	0.6958	0.1930	0.0243	0.2173		2,162.587 5	2,162.587 5	0.0835	0.3036	2,255.151 6
Worker	1.4631	0.7052	11.3544	0.0393	4.9453	0.0216	4.9669	1.3117	0.0199	1.3316		3,973.072 5	3,973.072 5	0.0851	0.0876	4,001.315 9
Total	1.5852	5.0749	12.9355	0.0592	5.6157	0.0470	5.6626	1.5047	0.0442	1.5489		6,135.660 0	6,135.660 0	0.1686	0.3913	6,256.467 5

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1221	4.3697	1.5811	0.0199	0.6704	0.0254	0.6958	0.1930	0.0243	0.2173		2,162.587 5	2,162.587 5	0.0835	0.3036	2,255.151 6
Worker	1.4631	0.7052	11.3544	0.0393	4.9453	0.0216	4.9669	1.3117	0.0199	1.3316		3,973.072 5	3,973.072 5	0.0851	0.0876	4,001.315 9
Total	1.5852	5.0749	12.9355	0.0592	5.6157	0.0470	5.6626	1.5047	0.0442	1.5489		6,135.660 0	6,135.660 0	0.1686	0.3913	6,256.467 5

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1182	4.3050	1.5416	0.0195	0.6704	0.0251	0.6955	0.1930	0.0240	0.2170		2,118.171 5	2,118.171 5	0.0818	0.2970	2,208.710 9
Worker	1.3846	0.6459	10.7533	0.0382	4.9453	0.0203	4.9656	1.3117	0.0187	1.3304		3,858.779 9	3,858.779 9	0.0780	0.0832	3,885.535 8
Total	1.5027	4.9509	12.2949	0.0576	5.6157	0.0454	5.6611	1.5047	0.0427	1.5474		5,976.951 4	5,976.951 4	0.1598	0.3802	6,094.246 7

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1182	4.3050	1.5416	0.0195	0.6704	0.0251	0.6955	0.1930	0.0240	0.2170		2,118.171 5	2,118.171 5	0.0818	0.2970	2,208.710 9
Worker	1.3846	0.6459	10.7533	0.0382	4.9453	0.0203	4.9656	1.3117	0.0187	1.3304		3,858.779 9	3,858.779 9	0.0780	0.0832	3,885.535 8
Total	1.5027	4.9509	12.2949	0.0576	5.6157	0.0454	5.6611	1.5047	0.0427	1.5474		5,976.951 4	5,976.951 4	0.1598	0.3802	6,094.246 7

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1153	4.2509	1.5100	0.0191	0.6704	0.0248	0.6952	0.1930	0.0237	0.2167		2,075.579 4	2,075.579 4	0.0799	0.2905	2,164.149 4
Worker	1.3115	0.5967	10.2564	0.0372	4.9453	0.0190	4.9642	1.3117	0.0175	1.3292		3,756.009 4	3,756.009 4	0.0720	0.0796	3,781.519 4
Total	1.4268	4.8476	11.7665	0.0562	5.6157	0.0438	5.6594	1.5047	0.0412	1.5459		5,831.588 7	5,831.588 7	0.1519	0.3701	5,945.668 8

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1153	4.2509	1.5100	0.0191	0.6704	0.0248	0.6952	0.1930	0.0237	0.2167		2,075.579 4	2,075.579 4	0.0799	0.2905	2,164.149 4
Worker	1.3115	0.5967	10.2564	0.0372	4.9453	0.0190	4.9642	1.3117	0.0175	1.3292		3,756.009 4	3,756.009 4	0.0720	0.0796	3,781.519 4
Total	1.4268	4.8476	11.7665	0.0562	5.6157	0.0438	5.6594	1.5047	0.0412	1.5459		5,831.588 7	5,831.588 7	0.1519	0.3701	5,945.668 8

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1123	4.1730	1.4790	0.0186	0.6704	0.0243	0.6947	0.1930	0.0233	0.2163		2,027.403 5	2,027.403 5	0.0778	0.2832	2,113.736 5
Worker	1.2375	0.5543	9.8190	0.0362	4.9453	0.0177	4.9630	1.3117	0.0163	1.3280		3,663.498 3	3,663.498 3	0.0666	0.0764	3,687.937 2
Total	1.3499	4.7273	11.2980	0.0549	5.6157	0.0420	5.6577	1.5047	0.0396	1.5443		5,690.901 8	5,690.901 8	0.1443	0.3596	5,801.673 7

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1123	4.1730	1.4790	0.0186	0.6704	0.0243	0.6947	0.1930	0.0233	0.2163		2,027.403 5	2,027.403 5	0.0778	0.2832	2,113.736 5
Worker	1.2375	0.5543	9.8190	0.0362	4.9453	0.0177	4.9630	1.3117	0.0163	1.3280		3,663.498 3	3,663.498 3	0.0666	0.0764	3,687.937 2
Total	1.3499	4.7273	11.2980	0.0549	5.6157	0.0420	5.6577	1.5047	0.0396	1.5443		5,690.901 8	5,690.901 8	0.1443	0.3596	5,801.673 7

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2030

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1099	4.1250	1.4553	0.0183	0.6704	0.0240	0.6944	0.1930	0.0230	0.2160		1,987.1179	1,987.1179	0.0757	0.2771	2,071.5955
Worker	1.1666	0.5180	9.4484	0.0354	4.9453	0.0165	4.9618	1.3117	0.0152	1.3269		3,580.6481	3,580.6481	0.0618	0.0738	3,604.1750
Total	1.2765	4.6430	10.9036	0.0537	5.6157	0.0405	5.6562	1.5047	0.0382	1.5429		5,567.7659	5,567.7659	0.1375	0.3509	5,675.7705

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1099	4.1250	1.4553	0.0183	0.6704	0.0240	0.6944	0.1930	0.0230	0.2160		1,987.1179	1,987.1179	0.0757	0.2771	2,071.5955
Worker	1.1666	0.5180	9.4484	0.0354	4.9453	0.0165	4.9618	1.3117	0.0152	1.3269		3,580.6481	3,580.6481	0.0618	0.0738	3,604.1750
Total	1.2765	4.6430	10.9036	0.0537	5.6157	0.0405	5.6562	1.5047	0.0382	1.5429		5,567.7659	5,567.7659	0.1375	0.3509	5,675.7705

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2031

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1083	4.0925	1.4372	0.0180	0.6704	0.0238	0.6942	0.1930	0.0228	0.2158		1,951.7885	1,951.7885	0.0737	0.2718	2,034.6302
Worker	1.0954	0.4862	9.1198	0.0347	4.9453	0.0155	4.9608	1.3117	0.0142	1.3260		3,506.6827	3,506.6827	0.0575	0.0715	3,529.4201
Total	1.2036	4.5787	10.5569	0.0527	5.6157	0.0393	5.6550	1.5047	0.0370	1.5417		5,458.4713	5,458.4713	0.1312	0.3433	5,564.0504

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1083	4.0925	1.4372	0.0180	0.6704	0.0238	0.6942	0.1930	0.0228	0.2158		1,951.7885	1,951.7885	0.0737	0.2718	2,034.6302
Worker	1.0954	0.4862	9.1198	0.0347	4.9453	0.0155	4.9608	1.3117	0.0142	1.3260		3,506.6827	3,506.6827	0.0575	0.0715	3,529.4201
Total	1.2036	4.5787	10.5569	0.0527	5.6157	0.0393	5.6550	1.5047	0.0370	1.5417		5,458.4713	5,458.4713	0.1312	0.3433	5,564.0504

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2032

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1068	4.0638	1.4238	0.0177	0.6704	0.0236	0.6941	0.1930	0.0226	0.2156		1,920.2619	1,920.2619	0.0718	0.2671	2,001.6596
Worker	1.0330	0.4604	8.8395	0.0340	4.9453	0.0145	4.9598	1.3117	0.0133	1.3250		3,441.1069	3,441.1069	0.0537	0.0696	3,463.1932
Total	1.1398	4.5241	10.2632	0.0517	5.6157	0.0381	5.6538	1.5047	0.0359	1.5406		5,361.3688	5,361.3688	0.1255	0.3367	5,464.8529

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1068	4.0638	1.4238	0.0177	0.6704	0.0236	0.6941	0.1930	0.0226	0.2156		1,920.2619	1,920.2619	0.0718	0.2671	2,001.6596
Worker	1.0330	0.4604	8.8395	0.0340	4.9453	0.0145	4.9598	1.3117	0.0133	1.3250		3,441.1069	3,441.1069	0.0537	0.0696	3,463.1932
Total	1.1398	4.5241	10.2632	0.0517	5.6157	0.0381	5.6538	1.5047	0.0359	1.5406		5,361.3688	5,361.3688	0.1255	0.3367	5,464.8529

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2033

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1060	4.0382	1.4145	0.0174	0.6704	0.0235	0.6939	0.1930	0.0225	0.2155		1,891.3298	1,891.3298	0.0702	0.2629	1,971.4217
Worker	0.9769	0.4392	8.5975	0.0335	4.9453	0.0136	4.9589	1.3117	0.0125	1.3242		3,383.3221	3,383.3221	0.0504	0.0681	3,404.8690
Total	1.0829	4.4774	10.0121	0.0509	5.6157	0.0371	5.6528	1.5047	0.0349	1.5397		5,274.6519	5,274.6519	0.1206	0.3310	5,376.2907

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1060	4.0382	1.4145	0.0174	0.6704	0.0235	0.6939	0.1930	0.0225	0.2155		1,891.3298	1,891.3298	0.0702	0.2629	1,971.4217
Worker	0.9769	0.4392	8.5975	0.0335	4.9453	0.0136	4.9589	1.3117	0.0125	1.3242		3,383.3221	3,383.3221	0.0504	0.0681	3,404.8690
Total	1.0829	4.4774	10.0121	0.0509	5.6157	0.0371	5.6528	1.5047	0.0349	1.5397		5,274.6519	5,274.6519	0.1206	0.3310	5,376.2907

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2034

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1053	4.0161	1.4066	0.0172	0.6705	0.0233	0.6938	0.1930	0.0223	0.2153		1,865.1828	1,865.1828	0.0687	0.2591	1,944.1039
Worker	0.9273	0.4220	8.3845	0.0330	4.9453	0.0128	4.9580	1.3117	0.0117	1.3235		3,332.5893	3,332.5893	0.0475	0.0668	3,353.6914
Total	1.0325	4.4381	9.7911	0.0502	5.6157	0.0361	5.6518	1.5047	0.0340	1.5388		5,197.7721	5,197.7721	0.1162	0.3259	5,297.7953

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1053	4.0161	1.4066	0.0172	0.6705	0.0233	0.6938	0.1930	0.0223	0.2153		1,865.1828	1,865.1828	0.0687	0.2591	1,944.1039
Worker	0.9273	0.4220	8.3845	0.0330	4.9453	0.0128	4.9580	1.3117	0.0117	1.3235		3,332.5893	3,332.5893	0.0475	0.0668	3,353.6914
Total	1.0325	4.4381	9.7911	0.0502	5.6157	0.0361	5.6518	1.5047	0.0340	1.5388		5,197.7721	5,197.7721	0.1162	0.3259	5,297.7953

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1046	3.9925	1.3994	0.0170	0.6705	0.0232	0.6936	0.1930	0.0222	0.2152		1,841.5184	1,841.5184	0.0673	0.2557	1,919.3868
Worker	0.8812	0.4083	8.1985	0.0325	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,288.4304	3,288.4304	0.0449	0.0658	3,309.1684
Total	0.9858	4.4007	9.5980	0.0495	5.6158	0.0352	5.6509	1.5047	0.0332	1.5379		5,129.9488	5,129.9488	0.1122	0.3215	5,228.5551

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 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	0.1028	3.9177	1.3756	0.0162	0.6705	0.0227	0.6931	0.1930	0.0217	0.2147		1,754.883 8	1,754.883 8	0.0613	0.2435	1,828.969 6
Worker	0.7134	0.3679	7.5802	0.0311	4.9453	9.4500e-003	4.9547	1.3117	8.7000e-003	1.3204		3,147.015 9	3,147.015 9	0.0361	0.0630	3,166.698 6
Total	0.8162	4.2856	8.9558	0.0474	5.6158	0.0321	5.6479	1.5047	0.0304	1.5351		4,901.899 7	4,901.899 7	0.0974	0.3065	4,995.668 2

Tiburon GP Update 2040 - Marin County, Summer

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

3.5 Building Construction - 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	0.1028	3.9177	1.3756	0.0162	0.6705	0.0227	0.6931	0.1930	0.0217	0.2147		1,754.883 8	1,754.883 8	0.0613	0.2435	1,828.969 6
Worker	0.7134	0.3679	7.5802	0.0311	4.9453	9.4500e-003	4.9547	1.3117	8.7000e-003	1.3204		3,147.015 9	3,147.015 9	0.0361	0.0630	3,166.698 6
Total	0.8162	4.2856	8.9558	0.0474	5.6158	0.0321	5.6479	1.5047	0.0304	1.5351		4,901.899 7	4,901.899 7	0.0974	0.3065	4,995.668 2

Tiburon GP Update 2040 - Marin County, Summer

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

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 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	0.0386	0.0193	0.3005	1.0100e-003	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		102.1336	102.1336	2.3200e-003	2.3100e-003	102.8812
Total	0.0386	0.0193	0.3005	1.0100e-003	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		102.1336	102.1336	2.3200e-003	2.3100e-003	102.8812

Tiburon GP Update 2040 - Marin County, Summer

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

3.6 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.0386	0.0193	0.3005	1.0100e-003	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		102.1336	102.1336	2.3200e-003	2.3100e-003	102.8812
Total	0.0386	0.0193	0.3005	1.0100e-003	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		102.1336	102.1336	2.3200e-003	2.3100e-003	102.8812

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3084	0.1546	2.4036	8.0800e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		817.0686	817.0686	0.0186	0.0185	823.0497
Total	0.3084	0.1546	2.4036	8.0800e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		817.0686	817.0686	0.0186	0.0185	823.0497

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3084	0.1546	2.4036	8.0800e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		817.0686	817.0686	0.0186	0.0185	823.0497
Total	0.3084	0.1546	2.4036	8.0800e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		817.0686	817.0686	0.0186	0.0185	823.0497

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2917	0.1406	2.2633	7.8300e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		791.9746	791.9746	0.0170	0.0175	797.6045
Total	0.2917	0.1406	2.2633	7.8300e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		791.9746	791.9746	0.0170	0.0175	797.6045

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2917	0.1406	2.2633	7.8300e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		791.9746	791.9746	0.0170	0.0175	797.6045
Total	0.2917	0.1406	2.2633	7.8300e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		791.9746	791.9746	0.0170	0.0175	797.6045

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2760	0.1288	2.1435	7.6100e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		769.1920	769.1920	0.0156	0.0166	774.5254
Total	0.2760	0.1288	2.1435	7.6100e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		769.1920	769.1920	0.0156	0.0166	774.5254

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2760	0.1288	2.1435	7.6100e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		769.1920	769.1920	0.0156	0.0166	774.5254
Total	0.2760	0.1288	2.1435	7.6100e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		769.1920	769.1920	0.0156	0.0166	774.5254

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2614	0.1189	2.0445	7.4100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		748.7062	748.7062	0.0143	0.0159	753.7912
Total	0.2614	0.1189	2.0445	7.4100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		748.7062	748.7062	0.0143	0.0159	753.7912

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2614	0.1189	2.0445	7.4100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		748.7062	748.7062	0.0143	0.0159	753.7912
Total	0.2614	0.1189	2.0445	7.4100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		748.7062	748.7062	0.0143	0.0159	753.7912

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2467	0.1105	1.9573	7.2200e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		730.2654	730.2654	0.0133	0.0152	735.1370
Total	0.2467	0.1105	1.9573	7.2200e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		730.2654	730.2654	0.0133	0.0152	735.1370

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2467	0.1105	1.9573	7.2200e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		730.2654	730.2654	0.0133	0.0152	735.1370
Total	0.2467	0.1105	1.9573	7.2200e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		730.2654	730.2654	0.0133	0.0152	735.1370

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2326	0.1033	1.8834	7.0600e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		713.7504	713.7504	0.0123	0.0147	718.4402
Total	0.2326	0.1033	1.8834	7.0600e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		713.7504	713.7504	0.0123	0.0147	718.4402

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2326	0.1033	1.8834	7.0600e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		713.7504	713.7504	0.0123	0.0147	718.4402
Total	0.2326	0.1033	1.8834	7.0600e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		713.7504	713.7504	0.0123	0.0147	718.4402

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2184	0.0969	1.8179	6.9100e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		699.0065	699.0065	0.0115	0.0143	703.5389
Total	0.2184	0.0969	1.8179	6.9100e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		699.0065	699.0065	0.0115	0.0143	703.5389

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2184	0.0969	1.8179	6.9100e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		699.0065	699.0065	0.0115	0.0143	703.5389
Total	0.2184	0.0969	1.8179	6.9100e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		699.0065	699.0065	0.0115	0.0143	703.5389

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2059	0.0918	1.7620	6.7900e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		685.9349	685.9349	0.0107	0.0139	690.3375
Total	0.2059	0.0918	1.7620	6.7900e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		685.9349	685.9349	0.0107	0.0139	690.3375

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2059	0.0918	1.7620	6.7900e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		685.9349	685.9349	0.0107	0.0139	690.3375
Total	0.2059	0.0918	1.7620	6.7900e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		685.9349	685.9349	0.0107	0.0139	690.3375

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1947	0.0876	1.7138	6.6700e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		674.4164	674.4164	0.0101	0.0136	678.7114
Total	0.1947	0.0876	1.7138	6.6700e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		674.4164	674.4164	0.0101	0.0136	678.7114

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1947	0.0876	1.7138	6.6700e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		674.4164	674.4164	0.0101	0.0136	678.7114
Total	0.1947	0.0876	1.7138	6.6700e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		674.4164	674.4164	0.0101	0.0136	678.7114

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1848	0.0841	1.6713	6.5700e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		664.3035	664.3035	9.4700e-003	0.0133	668.5099
Total	0.1848	0.0841	1.6713	6.5700e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		664.3035	664.3035	9.4700e-003	0.0133	668.5099

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1848	0.0841	1.6713	6.5700e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		664.3035	664.3035	9.4700e-003	0.0133	668.5099
Total	0.1848	0.0841	1.6713	6.5700e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		664.3035	664.3035	9.4700e-003	0.0133	668.5099

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

Tiburon GP Update 2040 - Marin County, Summer

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349
Total	0.1757	0.0814	1.6343	6.4800e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		655.5011	655.5011	8.9500e-003	0.0131	659.6349

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

3.7 Architectural Coating - 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	3.7219					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	3.8368	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	0.1422	0.0733	1.5110	6.2100e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		627.3121	627.3121	7.1900e-003	0.0126	631.2356
Total	0.1422	0.0733	1.5110	6.2100e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		627.3121	627.3121	7.1900e-003	0.0126	631.2356

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

3.7 Architectural Coating - 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	3.7219					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	3.8368	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	0.1422	0.0733	1.5110	6.2100e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		627.3121	627.3121	7.1900e-003	0.0126	631.2356
Total	0.1422	0.0733	1.5110	6.2100e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		627.3121	627.3121	7.1900e-003	0.0126	631.2356

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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	lb/day										lb/day					
Mitigated	9.0919	6.6104	79.3705	0.1763	24.9795	0.0794	25.0590	6.6472	0.0741	6.7213		17,900.14 49	17,900.14 49	1.0001	0.7242	18,140.94 31
Unmitigated	9.0919	6.6104	79.3705	0.1763	24.9795	0.0794	25.0590	6.6472	0.0741	6.7213		17,900.14 49	17,900.14 49	1.0001	0.7242	18,140.94 31

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	4,177.52	4,177.52	4177.52	9,648,434	9,648,434
Single Family Housing	970.48	970.48	970.48	2,241,425	2,241,425
Total	5,148.00	5,148.00	5,148.00	11,889,859	11,889,859

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
Condo/Townhouse	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

Tiburon GP Update 2040 - Marin County, Summer

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730
Single Family Housing	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
NaturalGas Unmitigated	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

Tiburon GP Update 2040 - Marin 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					
Condo/Townhouse	42743.1	0.4610	3.9391	1.6762	0.0251		0.3185	0.3185		0.3185	0.3185		5,028.5965	5,028.5965	0.0964	0.0922	5,058.4789
Single Family Housing	18396.9	0.1984	1.6954	0.7215	0.0108		0.1371	0.1371		0.1371	0.1371		2,164.3379	2,164.3379	0.0415	0.0397	2,177.1995
Total		0.6594	5.6345	2.3977	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

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					
Condo/Townhouse	42.7431	0.4610	3.9391	1.6762	0.0251		0.3185	0.3185		0.3185	0.3185		5,028.5965	5,028.5965	0.0964	0.0922	5,058.4789
Single Family Housing	18.3969	0.1984	1.6954	0.7215	0.0108		0.1371	0.1371		0.1371	0.1371		2,164.3379	2,164.3379	0.0415	0.0397	2,177.1995
Total		0.6594	5.6345	2.3977	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

6.0 Area Detail

Tiburon GP Update 2040 - Marin County, Summer

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Unmitigated	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

Tiburon GP Update 2040 - Marin 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

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	4.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.7311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	488.3531	10.2818	640.1838	1.2233		90.7529	90.7529		90.7529	90.7529	9,815.5947	3,850.4118	13,666.0065	12.9641	0.6934	14,196.7339
Landscaping	2.2675	0.8751	75.8142	4.0200e-003		0.4223	0.4223		0.4223	0.4223		137.1138	137.1138	0.1305		140.3765
Total	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

Tiburon GP Update 2040 - Marin 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	4.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.7311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	488.3531	10.2818	640.1838	1.2233		90.7529	90.7529		90.7529	90.7529	9,815.5947	3,850.4118	13,666.0065	12.9641	0.6934	14,196.7339
Landscaping	2.2675	0.8751	75.8142	4.0200e-003		0.4223	0.4223		0.4223	0.4223		137.1138	137.1138	0.1305		140.3765
Total	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

7.0 Water Detail

7.1 Mitigation Measures Water

Tiburon GP Update 2040 - Marin 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

Tiburon GP Update 2040 - Marin County, Winter

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

**Tiburon GP Update 2040
Marin County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	174.00	Dwelling Unit	13.96	313,200.00	498
Condo/Townhouse	749.00	Dwelling Unit	11.57	749,000.00	2142

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	69
Climate Zone	5			Operational Year	2040
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Operational Year: 2040

Land Use - Max. development modeled - 923 total residences. 174 single-family, 677 multi-family, and 72 ADUs. Multi-family & ADUs residences modeled as Condo/Townhouse. Total development = approx. 25.54 acres. Lot acres adjusted from defaults to reflect.

Construction Phase - Default CalEEMod construction phases kept as default, except for building construction and architectural coating phases, which were expanded through to the buildout year (2040).

Demolition - Demolition of approx. 129,682 square feet of commercial buildings.

Vehicle Trips - Trips as provided by GHD (Traffic consultant). 5,148 trips for a total of 923 dwelling units = 5.577465 trips per DU.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	4,018.00
tblConstructionPhase	NumDays	440.00	4,493.00
tblConstructionPhase	PhaseEndDate	9/24/2025	12/31/2040

Tiburon GP Update 2040 - Marin County, Winter

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

tblConstructionPhase	PhaseEndDate	6/18/2025	12/31/2040
tblLandUse	LotAcreage	56.49	13.96
tblLandUse	LotAcreage	46.81	11.57
tblVehicleTrips	ST_TR	8.14	5.58
tblVehicleTrips	ST_TR	9.54	5.58
tblVehicleTrips	SU_TR	6.28	5.58
tblVehicleTrips	SU_TR	8.55	5.58
tblVehicleTrips	WD_TR	7.32	5.58
tblVehicleTrips	WD_TR	9.44	5.58

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Tiburon GP Update 2040 - Marin 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	3.5391	34.5552	31.4771	0.0884	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	8,928.2635	8,928.2635	1.9485	0.4451	9,081.4989
2024	3.3221	19.2513	30.4233	0.0868	5.6156	0.6630	6.2786	1.5047	0.6236	2.1283	0.0000	8,760.3298	8,760.3298	0.8071	0.4310	8,908.9422
2025	7.3330	26.7167	44.3666	0.1088	6.6014	0.9951	7.2334	1.7662	0.9274	2.4647	0.0000	10,890.5541	10,890.5541	1.5080	0.4387	11,053.4433
2026	7.2291	19.2795	32.8086	0.0938	6.6014	0.6305	7.2319	1.7662	0.5960	2.3622	0.0000	9,451.0316	9,451.0316	0.8159	0.4251	9,598.1161
2027	7.1311	19.1238	32.0883	0.0921	6.6014	0.6286	7.2301	1.7662	0.5943	2.3605	0.0000	9,278.9358	9,278.9358	0.8048	0.4124	9,421.9440
2028	7.0394	18.9944	31.4925	0.0906	6.6015	0.6267	7.2282	1.7662	0.5925	2.3587	0.0000	9,121.4150	9,121.4150	0.7948	0.4009	9,260.7373
2029	6.9463	18.8500	30.9603	0.0892	6.6015	0.6247	7.2262	1.7662	0.5907	2.3569	0.0000	8,969.6738	8,969.6738	0.7855	0.3892	9,105.2834
2030	6.7586	13.9220	30.5733	0.0919	6.6015	0.2124	6.8139	1.7662	0.2097	1.9759	0.0000	9,177.6313	9,177.6313	0.2883	0.3794	9,297.9124
2031	6.6695	13.8410	30.1776	0.0908	6.6015	0.2109	6.8124	1.7662	0.2084	1.9746	0.0000	9,059.3519	9,059.3519	0.2805	0.3710	9,176.9091
2032	6.5916	13.7731	29.8403	0.0897	6.6015	0.2095	6.8110	1.7662	0.2071	1.9733	0.0000	8,954.2489	8,954.2489	0.2735	0.3637	9,069.4664
2033	6.5220	13.7154	29.5502	0.0889	6.6015	0.2083	6.8098	1.7662	0.2060	1.9722	0.0000	8,860.4652	8,860.4652	0.2674	0.3573	8,973.6355
2034	6.4610	13.6673	29.2941	0.0881	6.6015	0.2071	6.8087	1.7662	0.2049	1.9711	0.0000	8,777.3660	8,777.3660	0.2619	0.3518	8,888.7543
2035	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2036	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2037	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2038	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2039	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2040	6.0725	12.3125	28.2725	0.0850	6.6015	0.1152	6.7168	1.7662	0.1133	1.8795	0.0000	8,458.7448	8,458.7448	0.2253	0.3310	8,563.0077
Maximum	7.3330	34.5552	44.3666	0.1088	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	10,890.5541	10,890.5541	1.9485	0.4451	11,053.4433

Tiburon GP Update 2040 - Marin 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

Tiburon GP Update 2040 - Marin 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	3.5391	34.5552	31.4771	0.0884	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	8,928.2635	8,928.2635	1.9485	0.4451	9,081.4989
2024	3.3221	19.2513	30.4233	0.0868	5.6156	0.6630	6.2786	1.5047	0.6236	2.1283	0.0000	8,760.3298	8,760.3298	0.8071	0.4310	8,908.9422
2025	7.3330	26.7167	44.3666	0.1088	6.6014	0.9951	7.2334	1.7662	0.9274	2.4647	0.0000	10,890.5541	10,890.5541	1.5080	0.4387	11,053.4433
2026	7.2291	19.2795	32.8086	0.0938	6.6014	0.6305	7.2319	1.7662	0.5960	2.3622	0.0000	9,451.0316	9,451.0316	0.8159	0.4251	9,598.1161
2027	7.1311	19.1238	32.0883	0.0921	6.6014	0.6286	7.2301	1.7662	0.5943	2.3605	0.0000	9,278.9358	9,278.9358	0.8048	0.4124	9,421.9440
2028	7.0394	18.9944	31.4925	0.0906	6.6015	0.6267	7.2282	1.7662	0.5925	2.3587	0.0000	9,121.4150	9,121.4150	0.7948	0.4009	9,260.7373
2029	6.9463	18.8500	30.9603	0.0892	6.6015	0.6247	7.2262	1.7662	0.5907	2.3569	0.0000	8,969.6738	8,969.6738	0.7855	0.3892	9,105.2834
2030	6.7586	13.9220	30.5733	0.0919	6.6015	0.2124	6.8139	1.7662	0.2097	1.9759	0.0000	9,177.6313	9,177.6313	0.2883	0.3794	9,297.9124
2031	6.6695	13.8410	30.1776	0.0908	6.6015	0.2109	6.8124	1.7662	0.2084	1.9746	0.0000	9,059.3519	9,059.3519	0.2805	0.3710	9,176.9091
2032	6.5916	13.7731	29.8403	0.0897	6.6015	0.2095	6.8110	1.7662	0.2071	1.9733	0.0000	8,954.2489	8,954.2489	0.2735	0.3637	9,069.4664
2033	6.5220	13.7154	29.5502	0.0889	6.6015	0.2083	6.8098	1.7662	0.2060	1.9722	0.0000	8,860.4652	8,860.4652	0.2674	0.3573	8,973.6355
2034	6.4610	13.6673	29.2941	0.0881	6.6015	0.2071	6.8087	1.7662	0.2049	1.9711	0.0000	8,777.3660	8,777.3660	0.2619	0.3518	8,888.7543
2035	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2036	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2037	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2038	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2039	6.2992	12.7506	29.0269	0.0874	6.6015	0.1380	6.7395	1.7662	0.1358	1.9020	0.0000	8,704.1237	8,704.1237	0.2476	0.3470	8,813.7264
2040	6.0725	12.3125	28.2725	0.0850	6.6015	0.1152	6.7168	1.7662	0.1133	1.8795	0.0000	8,458.7448	8,458.7448	0.2253	0.3310	8,563.0077
Maximum	7.3330	34.5552	44.3666	0.1088	19.8049	1.4253	21.0717	10.1417	1.3113	11.3071	0.0000	10,890.5541	10,890.5541	1.9485	0.4451	11,053.4433

Tiburon GP Update 2040 - Marin 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	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Energy	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
Mobile	8.1842	7.6954	86.5614	0.1669	24.9795	0.0795	25.0590	6.6472	0.0741	6.7213		16,957.1787	16,957.1787	1.1039	0.7977	17,222.4940
Total	526.2923	24.4867	804.9570	1.4302	24.9795	91.7102	116.6898	6.6472	91.7049	98.3521	9,815.5947	28,137.6387	37,953.2334	14.3364	1.6230	38,795.2828

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	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Energy	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
Mobile	8.1842	7.6954	86.5614	0.1669	24.9795	0.0795	25.0590	6.6472	0.0741	6.7213		16,957.1787	16,957.1787	1.1039	0.7977	17,222.4940
Total	526.2923	24.4867	804.9570	1.4302	24.9795	91.7102	116.6898	6.6472	91.7049	98.3521	9,815.5947	28,137.6387	37,953.2334	14.3364	1.6230	38,795.2828

Tiburon GP Update 2040 - Marin 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	6/1/2023	7/12/2023	5	30	
2	Site Preparation	Site Preparation	7/13/2023	8/9/2023	5	20	
3	Grading	Grading	8/10/2023	10/11/2023	5	45	
4	Building Construction	Building Construction	10/12/2023	12/31/2040	5	4493	
5	Paving	Paving	6/19/2025	8/6/2025	5	35	
6	Architectural Coating	Architectural Coating	8/7/2025	12/31/2040	5	4018	

Acres of Grading (Site Preparation Phase): 30

Acres of Grading (Grading Phase): 135

Acres of Paving: 0

Residential Indoor: 2,150,955; Residential Outdoor: 716,985; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	7.00	231	0.29
Demolition	Excavators	3	8.00	158	0.38
Grading	Excavators	2	8.00	158	0.38

Tiburon GP Update 2040 - Marin County, Winter

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

Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
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
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	590.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	602.00	99.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Tiburon GP Update 2040 - Marin 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 On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2551	0.0000	4.2551	0.6443	0.0000	0.6443			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	4.2551	0.9975	5.2526	0.6443	0.9280	1.5723		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	0.0427	3.0020	0.8338	0.0121	0.3438	0.0214	0.3652	0.0942	0.0205	0.1147		1,362.0899	1,362.0899	0.0875	0.2172	1,429.0056
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0297	0.3346	1.0100e-003	0.1232	6.3000e-004	0.1239	0.0327	5.8000e-004	0.0333		101.8890	101.8890	3.1900e-003	3.0500e-003	102.8776
Total	0.0883	3.0317	1.1684	0.0131	0.4670	0.0221	0.4890	0.1269	0.0211	0.1480		1,463.9788	1,463.9788	0.0907	0.2203	1,531.8832

Tiburon GP Update 2040 - Marin 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					
Fugitive Dust					4.2551	0.0000	4.2551	0.6443	0.0000	0.6443			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	4.2551	0.9975	5.2526	0.6443	0.9280	1.5723	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	0.0427	3.0020	0.8338	0.0121	0.3438	0.0214	0.3652	0.0942	0.0205	0.1147		1,362.0899	1,362.0899	0.0875	0.2172	1,429.0056
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0456	0.0297	0.3346	1.0100e-003	0.1232	6.3000e-004	0.1239	0.0327	5.8000e-004	0.0333		101.8890	101.8890	3.1900e-003	3.0500e-003	102.8776
Total	0.0883	3.0317	1.1684	0.0131	0.4670	0.0221	0.4890	0.1269	0.0211	0.1480		1,463.9788	1,463.9788	0.0907	0.2203	1,531.8832

Tiburon GP Update 2040 - Marin County, Winter

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

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672		3,687.308 1	3,687.308 1	1.1926		3,717.121 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0547	0.0356	0.4015	1.2100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		122.2668	122.2668	3.8300e-003	3.6600e-003	123.4532
Total	0.0547	0.0356	0.4015	1.2100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		122.2668	122.2668	3.8300e-003	3.6600e-003	123.4532

Tiburon GP Update 2040 - Marin County, Winter

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

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9
Total	2.6595	27.5242	18.2443	0.0381	19.6570	1.2660	20.9230	10.1025	1.1647	11.2672	0.0000	3,687.308 1	3,687.308 1	1.1926		3,717.121 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0547	0.0356	0.4015	1.2100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		122.2668	122.2668	3.8300e-003	3.6600e-003	123.4532
Total	0.0547	0.0356	0.4015	1.2100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		122.2668	122.2668	3.8300e-003	3.6600e-003	123.4532

Tiburon GP Update 2040 - Marin County, Winter

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

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0396	0.4461	1.3400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		135.8520	135.8520	4.2600e-003	4.0700e-003	137.1702
Total	0.0608	0.0396	0.4461	1.3400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		135.8520	135.8520	4.2600e-003	4.0700e-003	137.1702

Tiburon GP Update 2040 - Marin County, Winter

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

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	9.2036	1.4245	10.6281	3.6538	1.3105	4.9643	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0608	0.0396	0.4461	1.3400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		135.8520	135.8520	4.2600e-003	4.0700e-003	137.1702
Total	0.0608	0.0396	0.4461	1.3400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.7000e-004	0.0444		135.8520	135.8520	4.2600e-003	4.0700e-003	137.1702

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1373	4.7884	1.8049	0.0210	0.6703	0.0258	0.6961	0.1930	0.0247	0.2177		2,283.9095	2,283.9095	0.0879	0.3227	2,382.2701
Worker	1.8291	1.1917	13.4282	0.0405	4.9453	0.0251	4.9704	1.3117	0.0231	1.3348		4,089.1441	4,089.1441	0.1282	0.1224	4,128.8227
Total	1.9664	5.9801	15.2331	0.0614	5.6156	0.0509	5.6665	1.5047	0.0478	1.5525		6,373.0536	6,373.0536	0.2161	0.4451	6,511.0928

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1373	4.7884	1.8049	0.0210	0.6703	0.0258	0.6961	0.1930	0.0247	0.2177		2,283.9095	2,283.9095	0.0879	0.3227	2,382.2701
Worker	1.8291	1.1917	13.4282	0.0405	4.9453	0.0251	4.9704	1.3117	0.0231	1.3348		4,089.1441	4,089.1441	0.1282	0.1224	4,128.8227
Total	1.9664	5.9801	15.2331	0.0614	5.6156	0.0509	5.6665	1.5047	0.0478	1.5525		6,373.0536	6,373.0536	0.2161	0.4451	6,511.0928

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1308	4.7450	1.7369	0.0207	0.6703	0.0259	0.6962	0.1930	0.0248	0.2178		2,246.8060	2,246.8060	0.0863	0.3171	2,343.4552
Worker	1.7198	1.0626	12.5196	0.0392	4.9453	0.0238	4.9691	1.3117	0.0219	1.3337		3,957.8248	3,957.8248	0.1164	0.1139	3,994.6793
Total	1.8506	5.8076	14.2565	0.0598	5.6156	0.0497	5.6653	1.5047	0.0467	1.5514		6,204.6309	6,204.6309	0.2027	0.4310	6,338.1345

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1308	4.7450	1.7369	0.0207	0.6703	0.0259	0.6962	0.1930	0.0248	0.2178		2,246.8060	2,246.8060	0.0863	0.3171	2,343.4552
Worker	1.7198	1.0626	12.5196	0.0392	4.9453	0.0238	4.9691	1.3117	0.0219	1.3337		3,957.8248	3,957.8248	0.1164	0.1139	3,994.6793
Total	1.8506	5.8076	14.2565	0.0598	5.6156	0.0497	5.6653	1.5047	0.0467	1.5514		6,204.6309	6,204.6309	0.2027	0.4310	6,338.1345

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1254	4.6856	1.6808	0.0203	0.6703	0.0258	0.6961	0.1930	0.0247	0.2176		2,206.023 6	2,206.023 6	0.0847	0.3108	2,300.769 2
Worker	1.6238	0.9560	11.7308	0.0379	4.9453	0.0227	4.9680	1.3117	0.0209	1.3326		3,825.979 3	3,825.979 3	0.1060	0.1066	3,860.398 9
Total	1.7492	5.6416	13.4117	0.0581	5.6156	0.0485	5.6641	1.5047	0.0456	1.5502		6,032.002 9	6,032.002 9	0.1907	0.4174	6,161.168 1

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1254	4.6856	1.6808	0.0203	0.6703	0.0258	0.6961	0.1930	0.0247	0.2176		2,206.023 6	2,206.023 6	0.0847	0.3108	2,300.769 2
Worker	1.6238	0.9560	11.7308	0.0379	4.9453	0.0227	4.9680	1.3117	0.0209	1.3326		3,825.979 3	3,825.979 3	0.1060	0.1066	3,860.398 9
Total	1.7492	5.6416	13.4117	0.0581	5.6156	0.0485	5.6641	1.5047	0.0456	1.5502		6,032.002 9	6,032.002 9	0.1907	0.4174	6,161.168 1

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1212	4.6219	1.6370	0.0199	0.6704	0.0255	0.6959	0.1930	0.0244	0.2174		2,165.001 1	2,165.001 1	0.0832	0.3045	2,257.819 8
Worker	1.5407	0.8692	11.0709	0.0367	4.9453	0.0216	4.9669	1.3117	0.0199	1.3316		3,708.810 3	3,708.810 3	0.0970	0.1006	3,741.210 2
Total	1.6618	5.4910	12.7080	0.0566	5.6157	0.0471	5.6628	1.5047	0.0443	1.5490		5,873.811 5	5,873.811 5	0.1803	0.4051	5,999.030 0

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1212	4.6219	1.6370	0.0199	0.6704	0.0255	0.6959	0.1930	0.0244	0.2174		2,165.001 1	2,165.001 1	0.0832	0.3045	2,257.819 8
Worker	1.5407	0.8692	11.0709	0.0367	4.9453	0.0216	4.9669	1.3117	0.0199	1.3316		3,708.810 3	3,708.810 3	0.0970	0.1006	3,741.210 2
Total	1.6618	5.4910	12.7080	0.0566	5.6157	0.0471	5.6628	1.5047	0.0443	1.5490		5,873.811 5	5,873.811 5	0.1803	0.4051	5,999.030 0

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1170	4.5539	1.5976	0.0195	0.6704	0.0252	0.6956	0.1930	0.0241	0.2171		2,120.645 4	2,120.645 4	0.0815	0.2978	2,211.431 5
Worker	1.4624	0.7960	10.5032	0.0356	4.9453	0.0203	4.9656	1.3117	0.0187	1.3304		3,602.301 3	3,602.301 3	0.0892	0.0955	3,632.997 0
Total	1.5794	5.3499	12.1009	0.0551	5.6157	0.0455	5.6612	1.5047	0.0428	1.5475		5,722.946 7	5,722.946 7	0.1707	0.3933	5,844.428 6

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1170	4.5539	1.5976	0.0195	0.6704	0.0252	0.6956	0.1930	0.0241	0.2171		2,120.645 4	2,120.645 4	0.0815	0.2978	2,211.431 5
Worker	1.4624	0.7960	10.5032	0.0356	4.9453	0.0203	4.9656	1.3117	0.0187	1.3304		3,602.301 3	3,602.301 3	0.0892	0.0955	3,632.997 0
Total	1.5794	5.3499	12.1009	0.0551	5.6157	0.0455	5.6612	1.5047	0.0428	1.5475		5,722.946 7	5,722.946 7	0.1707	0.3933	5,844.428 6

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1140	4.4974	1.5661	0.0191	0.6704	0.0249	0.6953	0.1930	0.0238	0.2168		2,078.100 7	2,078.100 7	0.0796	0.2914	2,166.912 2
Worker	1.3885	0.7353	10.0327	0.0347	4.9453	0.0190	4.9642	1.3117	0.0175	1.3292		3,506.434 8	3,506.434 8	0.0825	0.0913	3,535.703 7
Total	1.5025	5.2327	11.5988	0.0538	5.6157	0.0439	5.6595	1.5047	0.0413	1.5460		5,584.535 5	5,584.535 5	0.1621	0.3827	5,702.615 9

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1140	4.4974	1.5661	0.0191	0.6704	0.0249	0.6953	0.1930	0.0238	0.2168		2,078.100 7	2,078.100 7	0.0796	0.2914	2,166.912 2
Worker	1.3885	0.7353	10.0327	0.0347	4.9453	0.0190	4.9642	1.3117	0.0175	1.3292		3,506.434 8	3,506.434 8	0.0825	0.0913	3,535.703 7
Total	1.5025	5.2327	11.5988	0.0538	5.6157	0.0439	5.6595	1.5047	0.0413	1.5460		5,584.535 5	5,584.535 5	0.1621	0.3827	5,702.615 9

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 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	0.1108	4.4159	1.5348	0.0187	0.6704	0.0244	0.6948	0.1930	0.0234	0.2164		2,029.968 5	2,029.968 5	0.0775	0.2840	2,116.539 1
Worker	1.3136	0.6829	9.6151	0.0338	4.9453	0.0177	4.9630	1.3117	0.0163	1.3280		3,420.046 1	3,420.046 1	0.0764	0.0877	3,448.087 9
Total	1.4243	5.0987	11.1499	0.0525	5.6157	0.0421	5.6578	1.5047	0.0397	1.5444		5,450.014 6	5,450.014 6	0.1539	0.3717	5,564.626 9

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1108	4.4159	1.5348	0.0187	0.6704	0.0244	0.6948	0.1930	0.0234	0.2164		2,029.968 5	2,029.968 5	0.0775	0.2840	2,116.539 1
Worker	1.3136	0.6829	9.6151	0.0338	4.9453	0.0177	4.9630	1.3117	0.0163	1.3280		3,420.046 1	3,420.046 1	0.0764	0.0877	3,448.087 9
Total	1.4243	5.0987	11.1499	0.0525	5.6157	0.0421	5.6578	1.5047	0.0397	1.5444		5,450.014 6	5,450.014 6	0.1539	0.3717	5,564.626 9

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2030

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1081	4.3658	1.5108	0.0183	0.6704	0.0241	0.6945	0.1930	0.0230	0.2160		1,989.7221	1,989.7221	0.0754	0.2779	2,074.4340
Worker	1.2413	0.6381	9.2616	0.0331	4.9453	0.0165	4.9618	1.3117	0.0152	1.3269		3,342.6128	3,342.6128	0.0711	0.0846	3,369.6097
Total	1.3494	5.0039	10.7724	0.0514	5.6157	0.0406	5.6563	1.5047	0.0383	1.5430		5,332.3349	5,332.3349	0.1465	0.3626	5,444.0437

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1081	4.3658	1.5108	0.0183	0.6704	0.0241	0.6945	0.1930	0.0230	0.2160		1,989.7221	1,989.7221	0.0754	0.2779	2,074.4340
Worker	1.2413	0.6381	9.2616	0.0331	4.9453	0.0165	4.9618	1.3117	0.0152	1.3269		3,342.6128	3,342.6128	0.0711	0.0846	3,369.6097
Total	1.3494	5.0039	10.7724	0.0514	5.6157	0.0406	5.6563	1.5047	0.0383	1.5430		5,332.3349	5,332.3349	0.1465	0.3626	5,444.0437

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2031

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1063	4.3321	1.4927	0.0180	0.6704	0.0239	0.6943	0.1930	0.0229	0.2159		1,954.4197	1,954.4197	0.0734	0.2726	2,037.4934
Worker	1.1685	0.5987	8.9468	0.0324	4.9453	0.0155	4.9608	1.3117	0.0142	1.3260		3,273.4270	3,273.4270	0.0662	0.0820	3,299.5187
Total	1.2748	4.9308	10.4395	0.0504	5.6157	0.0394	5.6551	1.5047	0.0371	1.5418		5,227.8467	5,227.8467	0.1396	0.3546	5,337.0121

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1063	4.3321	1.4927	0.0180	0.6704	0.0239	0.6943	0.1930	0.0229	0.2159		1,954.4197	1,954.4197	0.0734	0.2726	2,037.4934
Worker	1.1685	0.5987	8.9468	0.0324	4.9453	0.0155	4.9608	1.3117	0.0142	1.3260		3,273.4270	3,273.4270	0.0662	0.0820	3,299.5187
Total	1.2748	4.9308	10.4395	0.0504	5.6157	0.0394	5.6551	1.5047	0.0371	1.5418		5,227.8467	5,227.8467	0.1396	0.3546	5,337.0121

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2032

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1048	4.3025	1.4794	0.0177	0.6704	0.0237	0.6941	0.1930	0.0227	0.2157		1,922.9216	1,922.9216	0.0716	0.2679	2,004.5498
Worker	1.1048	0.5667	8.6767	0.0318	4.9453	0.0145	4.9598	1.3117	0.0133	1.3250		3,212.0556	3,212.0556	0.0620	0.0799	3,237.4017
Total	1.2096	4.8692	10.1560	0.0495	5.6157	0.0382	5.6539	1.5047	0.0360	1.5407		5,134.9772	5,134.9772	0.1335	0.3478	5,241.9515

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1048	4.3025	1.4794	0.0177	0.6704	0.0237	0.6941	0.1930	0.0227	0.2157		1,922.9216	1,922.9216	0.0716	0.2679	2,004.5498
Worker	1.1048	0.5667	8.6767	0.0318	4.9453	0.0145	4.9598	1.3117	0.0133	1.3250		3,212.0556	3,212.0556	0.0620	0.0799	3,237.4017
Total	1.2096	4.8692	10.1560	0.0495	5.6157	0.0382	5.6539	1.5047	0.0360	1.5407		5,134.9772	5,134.9772	0.1335	0.3478	5,241.9515

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2033

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1038	4.2762	1.4703	0.0175	0.6704	0.0236	0.6940	0.1930	0.0225	0.2155		1,894.0188	1,894.0188	0.0699	0.2637	1,974.3405
Worker	1.0476	0.5406	8.4424	0.0312	4.9453	0.0136	4.9589	1.3117	0.0125	1.3242		3,157.9583	3,157.9583	0.0582	0.0781	3,182.6868
Total	1.1514	4.8167	9.9126	0.0487	5.6157	0.0371	5.6529	1.5047	0.0350	1.5397		5,051.9771	5,051.9771	0.1281	0.3418	5,157.0273

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1038	4.2762	1.4703	0.0175	0.6704	0.0236	0.6940	0.1930	0.0225	0.2155		1,894.0188	1,894.0188	0.0699	0.2637	1,974.3405
Worker	1.0476	0.5406	8.4424	0.0312	4.9453	0.0136	4.9589	1.3117	0.0125	1.3242		3,157.9583	3,157.9583	0.0582	0.0781	3,182.6868
Total	1.1514	4.8167	9.9126	0.0487	5.6157	0.0371	5.6529	1.5047	0.0350	1.5397		5,051.9771	5,051.9771	0.1281	0.3418	5,157.0273

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2034

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1030	4.2535	1.4625	0.0172	0.6705	0.0234	0.6939	0.1930	0.0224	0.2154		1,867.8931	1,867.8931	0.0684	0.2599	1,947.0431
Worker	0.9974	0.5194	8.2353	0.0308	4.9453	0.0128	4.9580	1.3117	0.0117	1.3235		3,110.4541	3,110.4541	0.0549	0.0767	3,134.6737
Total	1.1004	4.7728	9.6978	0.0480	5.6157	0.0362	5.6519	1.5047	0.0341	1.5389		4,978.3472	4,978.3472	0.1233	0.3365	5,081.7168

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1030	4.2535	1.4625	0.0172	0.6705	0.0234	0.6939	0.1930	0.0224	0.2154		1,867.8931	1,867.8931	0.0684	0.2599	1,947.0431
Worker	0.9974	0.5194	8.2353	0.0308	4.9453	0.0128	4.9580	1.3117	0.0117	1.3235		3,110.4541	3,110.4541	0.0549	0.0767	3,134.6737
Total	1.1004	4.7728	9.6978	0.0480	5.6157	0.0362	5.6519	1.5047	0.0341	1.5389		4,978.3472	4,978.3472	0.1233	0.3365	5,081.7168

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 2039

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	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	0.1022	4.2291	1.4554	0.0170	0.6705	0.0232	0.6937	0.1930	0.0222	0.2152		1,844.2465	1,844.2465	0.0670	0.2565	1,922.3431
Worker	0.9509	0.5024	8.0540	0.0304	4.9453	0.0120	4.9573	1.3117	0.0110	1.3228		3,069.1014	3,069.1014	0.0519	0.0755	3,092.9046
Total	1.0531	4.7314	9.5094	0.0474	5.6158	0.0352	5.6510	1.5047	0.0333	1.5380		4,913.3479	4,913.3479	0.1189	0.3320	5,015.2477

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1001	4.1524	1.4318	0.0163	0.6705	0.0227	0.6932	0.1930	0.0217	0.2148		1,757.684 4	1,757.684 4	0.0611	0.2443	1,831.996 9
Worker	0.7827	0.4526	7.4458	0.0291	4.9453	9.4500e-003	4.9547	1.3117	8.7000e-003	1.3204		2,936.680 5	2,936.680 5	0.0419	0.0723	2,959.276 0
Total	0.8828	4.6049	8.8776	0.0453	5.6158	0.0322	5.6479	1.5047	0.0304	1.5352		4,694.364 9	4,694.364 9	0.1030	0.3166	4,791.272 8

Tiburon GP Update 2040 - Marin County, Winter

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

3.5 Building Construction - 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	0.1001	4.1524	1.4318	0.0163	0.6705	0.0227	0.6932	0.1930	0.0217	0.2148		1,757.684 4	1,757.684 4	0.0611	0.2443	1,831.996 9
Worker	0.7827	0.4526	7.4458	0.0291	4.9453	9.4500e-003	4.9547	1.3117	8.7000e-003	1.3204		2,936.680 5	2,936.680 5	0.0419	0.0723	2,959.276 0
Total	0.8828	4.6049	8.8776	0.0453	5.6158	0.0322	5.6479	1.5047	0.0304	1.5352		4,694.364 9	4,694.364 9	0.1030	0.3166	4,791.272 8

Tiburon GP Update 2040 - Marin County, Winter

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

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					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	0.0238	0.2923	9.4000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.3317	95.3317	2.6400e-003	2.6600e-003	96.1893
Total	0.0405	0.0238	0.2923	9.4000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.3317	95.3317	2.6400e-003	2.6600e-003	96.1893

Tiburon GP Update 2040 - Marin County, Winter

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

3.6 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	0.0238	0.2923	9.4000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.3317	95.3317	2.6400e-003	2.6600e-003	96.1893
Total	0.0405	0.0238	0.2923	9.4000e-004	0.1232	5.7000e-004	0.1238	0.0327	5.2000e-004	0.0332		95.3317	95.3317	2.6400e-003	2.6600e-003	96.1893

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3237	0.1906	2.3384	7.5400e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		762.6537	762.6537	0.0211	0.0213	769.5147
Total	0.3237	0.1906	2.3384	7.5400e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		762.6537	762.6537	0.0211	0.0213	769.5147

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3237	0.1906	2.3384	7.5400e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		762.6537	762.6537	0.0211	0.0213	769.5147
Total	0.3237	0.1906	2.3384	7.5400e-003	0.9858	4.5200e-003	0.9903	0.2615	4.1700e-003	0.2656		762.6537	762.6537	0.0211	0.0213	769.5147

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3071	0.1733	2.2068	7.3100e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		739.2977	739.2977	0.0193	0.0201	745.7562
Total	0.3071	0.1733	2.2068	7.3100e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		739.2977	739.2977	0.0193	0.0201	745.7562

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.3071	0.1733	2.2068	7.3100e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		739.2977	739.2977	0.0193	0.0201	745.7562
Total	0.3071	0.1733	2.2068	7.3100e-003	0.9858	4.3000e-003	0.9901	0.2615	3.9600e-003	0.2654		739.2977	739.2977	0.0193	0.0201	745.7562

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2915	0.1587	2.0937	7.1000e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		718.0667	718.0667	0.0178	0.0190	724.1855
Total	0.2915	0.1587	2.0937	7.1000e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		718.0667	718.0667	0.0178	0.0190	724.1855

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2915	0.1587	2.0937	7.1000e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		718.0667	718.0667	0.0178	0.0190	724.1855
Total	0.2915	0.1587	2.0937	7.1000e-003	0.9858	4.0400e-003	0.9898	0.2615	3.7200e-003	0.2652		718.0667	718.0667	0.0178	0.0190	724.1855

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2768	0.1466	1.9999	6.9100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		698.9571	698.9571	0.0164	0.0182	704.7914
Total	0.2768	0.1466	1.9999	6.9100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		698.9571	698.9571	0.0164	0.0182	704.7914

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2768	0.1466	1.9999	6.9100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		698.9571	698.9571	0.0164	0.0182	704.7914
Total	0.2768	0.1466	1.9999	6.9100e-003	0.9858	3.7800e-003	0.9896	0.2615	3.4800e-003	0.2650		698.9571	698.9571	0.0164	0.0182	704.7914

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2618	0.1361	1.9166	6.7400e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		681.7368	681.7368	0.0152	0.0175	687.3265
Total	0.2618	0.1361	1.9166	6.7400e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		681.7368	681.7368	0.0152	0.0175	687.3265

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8927	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	0.2618	0.1361	1.9166	6.7400e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		681.7368	681.7368	0.0152	0.0175	687.3265
Total	0.2618	0.1361	1.9166	6.7400e-003	0.9858	3.5300e-003	0.9893	0.2615	3.2500e-003	0.2647		681.7368	681.7368	0.0152	0.0175	687.3265

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2474	0.1272	1.8462	6.5900e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		666.3016	666.3016	0.0142	0.0169	671.6830
Total	0.2474	0.1272	1.8462	6.5900e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		666.3016	666.3016	0.0142	0.0169	671.6830

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2474	0.1272	1.8462	6.5900e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		666.3016	666.3016	0.0142	0.0169	671.6830
Total	0.2474	0.1272	1.8462	6.5900e-003	0.9858	3.3000e-003	0.9891	0.2615	3.0300e-003	0.2645		666.3016	666.3016	0.0142	0.0169	671.6830

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2329	0.1193	1.7834	6.4500e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		652.5104	652.5104	0.0132	0.0164	657.7114
Total	0.2329	0.1193	1.7834	6.4500e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		652.5104	652.5104	0.0132	0.0164	657.7114

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2329	0.1193	1.7834	6.4500e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		652.5104	652.5104	0.0132	0.0164	657.7114
Total	0.2329	0.1193	1.7834	6.4500e-003	0.9858	3.0800e-003	0.9889	0.2615	2.8400e-003	0.2643		652.5104	652.5104	0.0132	0.0164	657.7114

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2202	0.1130	1.7296	6.3300e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		640.2769	640.2769	0.0124	0.0159	645.3292
Total	0.2202	0.1130	1.7296	6.3300e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		640.2769	640.2769	0.0124	0.0159	645.3292

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2202	0.1130	1.7296	6.3300e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		640.2769	640.2769	0.0124	0.0159	645.3292
Total	0.2202	0.1130	1.7296	6.3300e-003	0.9858	2.8800e-003	0.9887	0.2615	2.6500e-003	0.2641		640.2769	640.2769	0.0124	0.0159	645.3292

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2088	0.1078	1.6829	6.2300e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		629.4933	629.4933	0.0116	0.0156	634.4226
Total	0.2088	0.1078	1.6829	6.2300e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		629.4933	629.4933	0.0116	0.0156	634.4226

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.2088	0.1078	1.6829	6.2300e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		629.4933	629.4933	0.0116	0.0156	634.4226
Total	0.2088	0.1078	1.6829	6.2300e-003	0.9858	2.7100e-003	0.9885	0.2615	2.4900e-003	0.2640		629.4933	629.4933	0.0116	0.0156	634.4226

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1988	0.1035	1.6416	6.1300e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		620.0241	620.0241	0.0109	0.0153	624.8519
Total	0.1988	0.1035	1.6416	6.1300e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		620.0241	620.0241	0.0109	0.0153	624.8519

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8526	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	0.1988	0.1035	1.6416	6.1300e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		620.0241	620.0241	0.0109	0.0153	624.8519
Total	0.1988	0.1035	1.6416	6.1300e-003	0.9858	2.5400e-003	0.9883	0.2615	2.3400e-003	0.2638		620.0241	620.0241	0.0109	0.0153	624.8519

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8398	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	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258
Total	0.1896	0.1001	1.6055	6.0500e-003	0.9858	2.3900e-003	0.9882	0.2615	2.2000e-003	0.2637		611.7810	611.7810	0.0104	0.0151	616.5258

Tiburon GP Update 2040 - Marin County, Winter

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

3.7 Architectural Coating - 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	3.7219					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	3.8368	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	0.1560	0.0902	1.4842	5.7900e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		585.3848	585.3848	8.3500e-003	0.0144	589.8889
Total	0.1560	0.0902	1.4842	5.7900e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		585.3848	585.3848	8.3500e-003	0.0144	589.8889

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

3.7 Architectural Coating - 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	3.7219					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	3.8368	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	0.1560	0.0902	1.4842	5.7900e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		585.3848	585.3848	8.3500e-003	0.0144	589.8889
Total	0.1560	0.0902	1.4842	5.7900e-003	0.9858	1.8800e-003	0.9877	0.2615	1.7300e-003	0.2632		585.3848	585.3848	8.3500e-003	0.0144	589.8889

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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	lb/day										lb/day					
Mitigated	8.1842	7.6954	86.5614	0.1669	24.9795	0.0795	25.0590	6.6472	0.0741	6.7213		16,957.17 87	16,957.17 87	1.1039	0.7977	17,222.49 40
Unmitigated	8.1842	7.6954	86.5614	0.1669	24.9795	0.0795	25.0590	6.6472	0.0741	6.7213		16,957.17 87	16,957.17 87	1.1039	0.7977	17,222.49 40

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	4,177.52	4,177.52	4177.52	9,648,434	9,648,434
Single Family Housing	970.48	970.48	970.48	2,241,425	2,241,425
Total	5,148.00	5,148.00	5,148.00	11,889,859	11,889,859

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
Condo/Townhouse	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Single Family Housing	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730
Single Family Housing	0.549722	0.062255	0.191283	0.125206	0.022830	0.006257	0.007115	0.003775	0.000645	0.000345	0.027112	0.000725	0.002730

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784
NaturalGas Unmitigated	0.6594	5.6345	2.3976	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

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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	lb/day										lb/day					
Condo/Townhouse	42743.1	0.4610	3.9391	1.6762	0.0251		0.3185	0.3185		0.3185	0.3185		5,028.5965	5,028.5965	0.0964	0.0922	5,058.4789
Single Family Housing	18396.9	0.1984	1.6954	0.7215	0.0108		0.1371	0.1371		0.1371	0.1371		2,164.3379	2,164.3379	0.0415	0.0397	2,177.1995
Total		0.6594	5.6345	2.3977	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

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					
Condo/Townhouse	42.7431	0.4610	3.9391	1.6762	0.0251		0.3185	0.3185		0.3185	0.3185		5,028.5965	5,028.5965	0.0964	0.0922	5,058.4789
Single Family Housing	18.3969	0.1984	1.6954	0.7215	0.0108		0.1371	0.1371		0.1371	0.1371		2,164.3379	2,164.3379	0.0415	0.0397	2,177.1995
Total		0.6594	5.6345	2.3977	0.0360		0.4556	0.4556		0.4556	0.4556		7,192.9344	7,192.9344	0.1379	0.1319	7,235.6784

6.0 Area Detail

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104
Unmitigated	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.7311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	488.3531	10.2818	640.1838	1.2233		90.7529	90.7529		90.7529	90.7529	9,815.5947	3,850.4118	13,666.0065	12.9641	0.6934	14,196.7339
Landscaping	2.2675	0.8751	75.8142	4.0200e-003		0.4223	0.4223		0.4223	0.4223		137.1138	137.1138	0.1305		140.3765
Total	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

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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	lb/day										lb/day					
Architectural Coating	4.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	22.7311					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	488.3531	10.2818	640.1838	1.2233		90.7529	90.7529		90.7529	90.7529	9,815.5947	3,850.4118	13,666.0065	12.9641	0.6934	14,196.7339
Landscaping	2.2675	0.8751	75.8142	4.0200e-003		0.4223	0.4223		0.4223	0.4223		137.1138	137.1138	0.1305		140.3765
Total	517.4488	11.1569	715.9979	1.2273		91.1752	91.1752		91.1752	91.1752	9,815.5947	3,987.5255	13,803.1203	13.0946	0.6934	14,337.1104

7.0 Water Detail

7.1 Mitigation Measures Water

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

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
