

Appendix E

Air Quality, Greenhouse Gas, and Energy Modelling

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

Campus Town Specific Plan
Monterey Bay Unified APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.00	1000sqft	0.57	25,000.00	0
Manufacturing	25.00	1000sqft	0.57	25,000.00	0
Other Asphalt Surfaces	32.30	Acre	32.30	1,406,988.00	0
Arena	48.05	1000sqft	1.10	48,050.00	0
City Park	12.50	Acre	12.50	544,500.00	0
Hotel	325.00	Room	2.40	471,900.00	0
Quality Restaurant	48.05	1000sqft	1.10	48,050.00	0
Apartments Mid Rise	600.00	Dwelling Unit	11.90	600,000.00	1980
Single Family Housing	885.00	Dwelling Unit	88.55	1,593,000.00	2920
Strip Mall	53.90	1000sqft	1.24	53,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	218.73	CH4 Intensity (lb/MW hr)	0.01	N2O Intensity (lb/MW hr)	0.002

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - Linear interpolation of 2030 and 2045 RPS targets.

Land Use - Based on PD/SP. Pop based on Seaside household size of 3.3 persons.

Construction Phase - Based on applicant-provided schedule.

Trips and VMT -

Demolition -

Grading - Based on PD. Reduced Phase II by 7,000 cy for soil transfer between sites to avoid double counting.

Architectural Coating - Compliance with MBARD Rule 426. Split sf equally between two phases.

Vehicle Trips - Adjusted to match TJKM VMT.

Woodstoves - No wood-burning fireplaces as part of project.

Energy Use - Reduced lighting 75% for Title 24. Reduced SFR energy intensity by 7% and commercial by 30% for Title 24.

Water And Wastewater - Based on WSA. All residential water use allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office. All irrigation allocated to city park.

Solid Waste - Match CalRecycle rates in Section 4.16. All residential allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office.

Construction Off-road Equipment Mitigation - Per applicant info.

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,210.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,209.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,137.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,138.00

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tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,412.00
tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,413.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblConstructionPhase	NumDays	220.00	2,195.00
tblConstructionPhase	NumDays	220.00	762.00
tblConstructionPhase	NumDays	3,100.00	2,240.00
tblConstructionPhase	NumDays	3,100.00	805.00
tblConstructionPhase	NumDays	200.00	174.00
tblConstructionPhase	NumDays	200.00	150.00
tblConstructionPhase	NumDays	310.00	174.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	45.00
tblConstructionPhase	NumDays	120.00	173.00
tblConstructionPhase	NumDays	120.00	805.00
tblEnergyUse	LightingElect	741.44	185.36
tblEnergyUse	LightingElect	1,608.84	402.21
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	1.48	1.04

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tblEnergyUse	T24E	7.28	5.10
tblEnergyUse	T24E	5.07	3.55
tblEnergyUse	T24E	325.76	302.96
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	11.87
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	21.04	14.73
tblEnergyUse	T24NG	60.41	42.29
tblEnergyUse	T24NG	25,910.09	24,096.38
tblEnergyUse	T24NG	2.37	1.66
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,508.00	0.00
tblFireplaces	NumberGas	486.75	885.00
tblFireplaces	NumberNoFireplace	88.50	0.00
tblFireplaces	NumberWood	309.75	0.00
tblGrading	MaterialExported	0.00	55,000.00
tblGrading	MaterialImported	0.00	35,000.00
tblLandUse	LotAcreage	15.44	1.10
tblLandUse	LotAcreage	10.83	2.40
tblLandUse	LotAcreage	15.79	11.90
tblLandUse	LotAcreage	287.34	88.55
tblLandUse	Population	1,716.00	1,980.00
tblLandUse	Population	2,531.00	2,920.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.01
tblProjectCharacteristics	CO2IntensityFactor	641.35	218.73

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tblProjectCharacteristics	N2OIntensityFactor	0.006	0.002
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1.32	0.00
tblSolidWaste	SolidWasteGenerationRate	1.07	0.00
tblSolidWaste	SolidWasteGenerationRate	177.94	237.25
tblSolidWaste	SolidWasteGenerationRate	31.00	0.00
tblSolidWaste	SolidWasteGenerationRate	23.25	54.75
tblSolidWaste	SolidWasteGenerationRate	43.85	0.00
tblSolidWaste	SolidWasteGenerationRate	1,284.80	3,314.48
tblSolidWaste	SolidWasteGenerationRate	56.59	1.09
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	ST_TR	6.39	2.00
tblVehicleTrips	ST_TR	10.71	5.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	8.19	4.00
tblVehicleTrips	ST_TR	1.49	1.00
tblVehicleTrips	ST_TR	1.64	0.50
tblVehicleTrips	ST_TR	94.36	40.00
tblVehicleTrips	ST_TR	9.91	4.00
tblVehicleTrips	ST_TR	42.04	15.00
tblVehicleTrips	SU_TR	5.86	1.58
tblVehicleTrips	SU_TR	10.71	5.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	5.95	2.00

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tblVehicleTrips	SU_TR	0.62	0.50
tblVehicleTrips	SU_TR	0.76	0.50
tblVehicleTrips	SU_TR	72.16	40.00
tblVehicleTrips	SU_TR	8.62	4.00
tblVehicleTrips	SU_TR	20.43	15.00
tblVehicleTrips	WD_TR	6.65	4.00
tblVehicleTrips	WD_TR	10.71	5.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	8.17	4.00
tblVehicleTrips	WD_TR	3.82	1.00
tblVehicleTrips	WD_TR	11.42	5.00
tblVehicleTrips	WD_TR	89.95	40.00
tblVehicleTrips	WD_TR	9.52	4.00
tblVehicleTrips	WD_TR	44.32	15.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	20,698,504.15	0.00
tblWater	IndoorWaterUseRate	8,244,200.25	15,640,000.00
tblWater	IndoorWaterUseRate	5,781,250.00	0.00
tblWater	IndoorWaterUseRate	4,443,343.70	2,199,494.00
tblWater	IndoorWaterUseRate	14,584,794.88	0.00
tblWater	IndoorWaterUseRate	57,661,312.67	120,972,163.00
tblWater	IndoorWaterUseRate	3,992,508.91	14,660,000.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	1,321,181.12	0.00
tblWater	OutdoorWaterUseRate	14,893,516.87	5,353,731.00
tblWater	OutdoorWaterUseRate	916,022.25	0.00
tblWater	OutdoorWaterUseRate	2,723,339.69	0.00

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tblWater	OutdoorWaterUseRate	930,944.35	0.00
tblWater	OutdoorWaterUseRate	36,351,697.12	0.00
tblWater	OutdoorWaterUseRate	2,447,021.59	0.00
tblWoodstoves	NumberCatalytic	44.25	0.00
tblWoodstoves	NumberNoncatalytic	44.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,120.00	0.00

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					
2021	0.7246	8.1758	5.0802	0.0122	1.0533	0.3349	1.3882	0.4511	0.3094	0.7605	0.0000	1,095.242 1	1,095.242 1	0.2606	0.0000	1,101.756 2
2022	1.0133	7.8745	6.4691	0.0188	2.4548	0.2653	2.7201	1.0626	0.2454	1.3079	0.0000	1,712.270 2	1,712.270 2	0.2484	0.0000	1,718.479 3
2023	3.3967	14.6904	15.4836	0.0551	4.9067	0.3424	5.2490	1.8042	0.3185	2.1226	0.0000	5,051.865 4	5,051.865 4	0.4333	0.0000	5,062.696 6
2024	3.1956	12.9186	13.5000	0.0508	5.2018	0.2763	5.4780	2.0665	0.2568	2.3233	0.0000	4,661.7811	4,661.7811	0.3553	0.0000	4,670.663 7
2025	2.6249	10.7929	11.0108	0.0423	4.7197	0.2265	4.9462	1.9338	0.2103	2.1441	0.0000	3,878.918 9	3,878.918 9	0.3134	0.0000	3,886.753 4
2026	1.0840	6.5955	6.6715	0.0274	2.5649	0.1202	2.6851	0.9632	0.1119	1.0751	0.0000	2,525.937 3	2,525.937 3	0.1813	0.0000	2,530.468 8
2027	1.6634	8.6413	9.2246	0.0428	2.8056	0.0987	2.9044	0.7577	0.0931	0.8508	0.0000	3,953.169 5	3,953.169 5	0.1942	0.0000	3,958.023 7
2028	1.6035	8.4754	8.7512	0.0420	2.7949	0.0969	2.8918	0.7548	0.0914	0.8462	0.0000	3,878.228 3	3,878.228 3	0.1885	0.0000	3,882.941 6
2029	1.5527	8.3857	8.3621	0.0415	2.8057	0.0960	2.9016	0.7577	0.0905	0.8482	0.0000	3,839.948 7	3,839.948 7	0.1847	0.0000	3,844.565 3
2030	1.4846	7.6485	7.9972	0.0415	2.8057	0.0412	2.8468	0.7577	0.0399	0.7976	0.0000	3,834.130 5	3,834.130 5	0.1225	0.0000	3,837.192 9
2031	1.4263	7.5516	7.6412	0.0411	2.8057	0.0401	2.8457	0.7577	0.0389	0.7966	0.0000	3,794.226 0	3,794.226 0	0.1187	0.0000	3,797.192 5
2032	1.3808	7.4960	7.3632	0.0409	2.8164	0.0392	2.8556	0.7606	0.0381	0.7987	0.0000	3,774.744 6	3,774.744 6	0.1158	0.0000	3,777.639 4
2033	1.3277	7.3676	7.0504	0.0402	2.7949	0.0380	2.8330	0.7548	0.0370	0.7918	0.0000	3,717.207 3	3,717.207 3	0.1122	0.0000	3,720.011 6
2034	1.2917	7.3065	6.8126	0.0400	2.7949	0.0372	2.8321	0.7548	0.0362	0.7910	0.0000	3,692.833 3	3,692.833 3	0.1096	0.0000	3,695.573 7
Maximum	3.3967	14.6904	15.4836	0.0551	5.2018	0.3424	5.4780	2.0665	0.3185	2.3233	0.0000	5,051.865 4	5,051.865 4	0.4333	0.0000	5,062.696 6

2.1 Overall Construction

Mitigated Construction

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2021	6-30-2021	3.1270	3.1270
2	7-1-2021	9-30-2021	3.1613	3.1613
3	10-1-2021	12-31-2021	2.5943	2.5943
4	1-1-2022	3-31-2022	1.1697	1.1697
5	4-1-2022	6-30-2022	1.1821	1.1821
6	7-1-2022	9-30-2022	0.6862	0.6862
7	10-1-2022	12-31-2022	5.8165	5.8165
8	1-1-2023	3-31-2023	5.3204	5.3204
9	4-1-2023	6-30-2023	4.4382	4.4382
10	7-1-2023	9-30-2023	4.1320	4.1320
11	10-1-2023	12-31-2023	4.2109	4.2109
12	1-1-2024	3-31-2024	4.0345	4.0345
13	4-1-2024	6-30-2024	3.9636	3.9636
14	7-1-2024	9-30-2024	4.0071	4.0071
15	10-1-2024	12-31-2024	4.0788	4.0788
16	1-1-2025	3-31-2025	3.8137	3.8137
17	4-1-2025	6-30-2025	3.7913	3.7913
18	7-1-2025	9-30-2025	3.8330	3.8330
19	10-1-2025	12-31-2025	1.9195	1.9195
20	1-1-2026	3-31-2026	0.8937	0.8937
21	4-1-2026	6-30-2026	1.5081	1.5081
22	7-1-2026	9-30-2026	2.5361	2.5361
23	10-1-2026	12-31-2026	2.6788	2.6788
24	1-1-2027	3-31-2027	2.5659	2.5659
25	4-1-2027	6-30-2027	2.5400	2.5400
26	7-1-2027	9-30-2027	2.5679	2.5679

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27	10-1-2027	12-31-2027	2.6230	2.6230
28	1-1-2028	3-31-2028	2.5455	2.5455
29	4-1-2028	6-30-2028	2.4954	2.4954
30	7-1-2028	9-30-2028	2.5229	2.5229
31	10-1-2028	12-31-2028	2.5734	2.5734
32	1-1-2029	3-31-2029	2.4709	2.4709
33	4-1-2029	6-30-2029	2.4527	2.4527
34	7-1-2029	9-30-2029	2.4797	2.4797
35	10-1-2029	12-31-2029	2.5258	2.5258
36	1-1-2030	3-31-2030	2.2701	2.2701
37	4-1-2030	6-30-2030	2.2539	2.2539
38	7-1-2030	9-30-2030	2.2787	2.2787
39	10-1-2030	12-31-2030	2.3205	2.3205
40	1-1-2031	3-31-2031	2.2293	2.2293
41	4-1-2031	6-30-2031	2.2169	2.2169
42	7-1-2031	9-30-2031	2.2413	2.2413
43	10-1-2031	12-31-2031	2.2788	2.2788
44	1-1-2032	3-31-2032	2.2182	2.2182
45	4-1-2032	6-30-2032	2.1848	2.1848
46	7-1-2032	9-30-2032	2.2088	2.2088
47	10-1-2032	12-31-2032	2.2426	2.2426
48	1-1-2033	3-31-2033	2.1638	2.1638
49	4-1-2033	6-30-2033	2.1575	2.1575
50	7-1-2033	9-30-2033	2.1812	2.1812
51	10-1-2033	12-31-2033	2.2119	2.2119
52	1-1-2034	3-31-2034	2.1382	2.1382
53	4-1-2034	6-30-2034	2.1342	2.1342

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54	7-1-2034	9-30-2034	2.1577	2.1577
		Highest	5.8165	5.8165

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	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260
Energy	0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	4,017.5709	4,017.5709	0.1154	0.0604	4,038.4483
Mobile	1.7308	11.8424	18.1908	0.0882	8.5317	0.0462	8.5779	2.2882	0.0430	2.3313	0.0000	8,166.3273	8,166.3273	0.3295	0.0000	8,174.5656
Waste						0.0000	0.0000		0.0000	0.0000	732.3041	0.0000	732.3041	43.2779	0.0000	1,814.2524
Water						0.0000	0.0000		0.0000	0.0000	48.6895	84.2501	132.9396	5.0047	0.1189	293.4756
Total	15.6014	14.2959	34.8119	0.1032	8.5317	0.3108	8.8425	2.2882	0.3076	2.5959	780.9936	12,293.1780	13,074.1716	48.7514	0.1792	14,346.3680

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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	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260
Energy	0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	4,017.5709	4,017.5709	0.1154	0.0604	4,038.4483
Mobile	1.7308	11.8424	18.1908	0.0882	8.5317	0.0462	8.5779	2.2882	0.0430	2.3313	0.0000	8,166.3273	8,166.3273	0.3295	0.0000	8,174.5656
Waste						0.0000	0.0000		0.0000	0.0000	732.3041	0.0000	732.3041	43.2779	0.0000	1,814.2524
Water						0.0000	0.0000		0.0000	0.0000	48.6895	84.2501	132.9396	5.0047	0.1189	293.4756
Total	15.6014	14.2959	34.8119	0.1032	8.5317	0.3108	8.8425	2.2882	0.3076	2.5959	780.9936	12,293.1780	13,074.1716	48.7514	0.1792	14,346.3680

	ROG	NOx	CO	SO2	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

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Demolition	Demolition	4/1/2021	11/30/2021	5	174	
2	Phase I - Grading	Grading	4/1/2021	11/30/2021	5	174	
3	Phase I - Drainage/Utilities	Site Preparation	12/1/2021	7/29/2022	5	173	
4	Phase I - Paving	Paving	8/1/2022	9/30/2022	5	45	
5	Phase II - Demolition	Demolition	10/3/2022	4/28/2023	5	150	
6	Phase II - Grading	Grading	10/3/2022	4/28/2023	5	150	
7	Phase I - Building Construction	Building Construction	10/3/2022	10/31/2025	5	805	
8	Phase I - Architectural Coating	Architectural Coating	12/1/2022	10/31/2025	5	762	
9	Phase II - Drainage/Utilities	Site Preparation	5/1/2023	5/29/2026	5	805	
10	Phase II - Building Construction	Building Construction	6/1/2026	12/29/2034	5	2240	
11	Phase II - Paving	Paving	6/1/2026	6/30/2026	5	22	
12	Phase II - Architectural Coating	Architectural Coating	8/3/2026	12/29/2034	5	2195	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 32.3

Residential Indoor: 2,220,413; Residential Outdoor: 740,138; Non-Residential Indoor: 503,925; Non-Residential Outdoor: 167,975; Striped Parking Area: 42,209 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase I - Demolition	Excavators	3	8.00	158	0.38
Phase I - Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Grading	Excavators	2	8.00	158	0.38

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Phase I - Grading	Graders	1	8.00	187	0.41
Phase I - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading	Scrapers	2	8.00	367	0.48
Phase I - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Drainage/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Phase I - Drainage/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Paving	Pavers	2	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase II - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase II - Demolition	Excavators	3	8.00	158	0.38
Phase II - Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	1	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Building Construction	Cranes	1	7.00	231	0.29
Phase I - Building Construction	Forklifts	3	8.00	89	0.20
Phase I - Building Construction	Generator Sets	1	8.00	84	0.74
Phase I - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase I - Building Construction	Welders	1	8.00	46	0.45
Phase I - Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase II - Drainage/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Phase II - Drainage/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase II - Building Construction	Cranes	1	7.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20

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Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase II - Paving	Pavers	2	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Demolition	6	15.00	0.00	20.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading	8	20.00	0.00	6,875.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Drainage/Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Demolition	6	15.00	0.00	229.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	8	20.00	0.00	4,375.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Drainage/Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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3.2 Phase I - Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2100e-003	0.0000	2.2100e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2754	2.7353	1.8762	3.3800e-003		0.1350	0.1350		0.1254	0.1254	0.0000	295.8068	295.8068	0.0833	0.0000	297.8883
Total	0.2754	2.7353	1.8762	3.3800e-003	2.2100e-003	0.1350	0.1372	3.3000e-004	0.1254	0.1257	0.0000	295.8068	295.8068	0.0833	0.0000	297.8883

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.6900e-003	4.9000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7646	0.7646	3.0000e-005	0.0000	0.7654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2400e-003	4.6200e-003	0.0422	1.0000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3387	9.3387	3.6000e-004	0.0000	9.3477
Total	5.3200e-003	7.3100e-003	0.0427	1.1000e-004	0.0106	1.0000e-004	0.0107	2.8100e-003	9.0000e-005	2.9000e-003	0.0000	10.1033	10.1033	3.9000e-004	0.0000	10.1131

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3.2 Phase I - Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.9000e-004	0.0000	9.9000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2754	2.7353	1.8762	3.3800e-003		0.1350	0.1350		0.1254	0.1254	0.0000	295.8065	295.8065	0.0833	0.0000	297.8879
Total	0.2754	2.7353	1.8762	3.3800e-003	9.9000e-004	0.1350	0.1360	1.5000e-004	0.1254	0.1255	0.0000	295.8065	295.8065	0.0833	0.0000	297.8879

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.6900e-003	4.9000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7646	0.7646	3.0000e-005	0.0000	0.7654
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2400e-003	4.6200e-003	0.0422	1.0000e-004	0.0104	9.0000e-005	0.0105	2.7600e-003	8.0000e-005	2.8400e-003	0.0000	9.3387	9.3387	3.6000e-004	0.0000	9.3477
Total	5.3200e-003	7.3100e-003	0.0427	1.1000e-004	0.0106	1.0000e-004	0.0107	2.8100e-003	9.0000e-005	2.9000e-003	0.0000	10.1033	10.1033	3.9000e-004	0.0000	10.1131

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3.3 Phase I - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7588	0.0000	0.7588	0.3135	0.0000	0.3135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3646	4.0368	2.6864	5.4000e-003		0.1727	0.1727		0.1589	0.1589	0.0000	474.1063	474.1063	0.1533	0.0000	477.9397
Total	0.3646	4.0368	2.6864	5.4000e-003	0.7588	0.1727	0.9316	0.3135	0.1589	0.4725	0.0000	474.1063	474.1063	0.1533	0.0000	477.9397

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0267	0.9238	0.1686	2.7500e-003	0.0584	3.4400e-003	0.0619	0.0161	3.2900e-003	0.0194	0.0000	262.8417	262.8417	0.0106	0.0000	263.1069
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9800e-003	6.1600e-003	0.0563	1.4000e-004	0.0138	1.2000e-004	0.0140	3.6800e-003	1.1000e-004	3.7900e-003	0.0000	12.4516	12.4516	4.8000e-004	0.0000	12.4635
Total	0.0337	0.9299	0.2249	2.8900e-003	0.0723	3.5600e-003	0.0758	0.0197	3.4000e-003	0.0232	0.0000	275.2932	275.2932	0.0111	0.0000	275.5705

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3.3 Phase I - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3415	0.0000	0.3415	0.1411	0.0000	0.1411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3646	4.0368	2.6864	5.4000e-003		0.1727	0.1727		0.1589	0.1589	0.0000	474.1058	474.1058	0.1533	0.0000	477.9392
Total	0.3646	4.0368	2.6864	5.4000e-003	0.3415	0.1727	0.5142	0.1411	0.1589	0.3000	0.0000	474.1058	474.1058	0.1533	0.0000	477.9392

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0267	0.9238	0.1686	2.7500e-003	0.0584	3.4400e-003	0.0619	0.0161	3.2900e-003	0.0194	0.0000	262.8417	262.8417	0.0106	0.0000	263.1069
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9800e-003	6.1600e-003	0.0563	1.4000e-004	0.0138	1.2000e-004	0.0140	3.6800e-003	1.1000e-004	3.7900e-003	0.0000	12.4516	12.4516	4.8000e-004	0.0000	12.4635
Total	0.0337	0.9299	0.2249	2.8900e-003	0.0723	3.5600e-003	0.0758	0.0197	3.4000e-003	0.0232	0.0000	275.2932	275.2932	0.0111	0.0000	275.5705

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3.4 Phase I - Drainage/Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0447	0.4657	0.2433	4.4000e-004		0.0235	0.0235		0.0216	0.0216	0.0000	38.4511	38.4511	0.0124	0.0000	38.7620
Total	0.0447	0.4657	0.2433	4.4000e-004	0.2078	0.0235	0.2313	0.1142	0.0216	0.1358	0.0000	38.4511	38.4511	0.0124	0.0000	38.7620

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	7.3000e-004	6.7000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4813	1.4813	6.0000e-005	0.0000	1.4827
Total	8.3000e-004	7.3000e-004	6.7000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4813	1.4813	6.0000e-005	0.0000	1.4827

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3.4 Phase I - Drainage/Utilities - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0935	0.0000	0.0935	0.0514	0.0000	0.0514	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0447	0.4657	0.2433	4.4000e-004		0.0235	0.0235		0.0216	0.0216	0.0000	38.4510	38.4510	0.0124	0.0000	38.7619
Total	0.0447	0.4657	0.2433	4.4000e-004	0.0935	0.0235	0.1170	0.0514	0.0216	0.0730	0.0000	38.4510	38.4510	0.0124	0.0000	38.7619

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	7.3000e-004	6.7000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4813	1.4813	6.0000e-005	0.0000	1.4827
Total	8.3000e-004	7.3000e-004	6.7000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4813	1.4813	6.0000e-005	0.0000	1.4827

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3.4 Phase I - Drainage/Utilities - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3550	0.0000	1.3550	0.7448	0.0000	0.7448	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2378	2.4813	1.4773	2.8500e-003		0.1209	0.1209		0.1113	0.1113	0.0000	250.7954	250.7954	0.0811	0.0000	252.8232
Total	0.2378	2.4813	1.4773	2.8500e-003	1.3550	0.1209	1.4759	0.7448	0.1113	0.8561	0.0000	250.7954	250.7954	0.0811	0.0000	252.8232

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	4.2800e-003	0.0398	1.0000e-004	0.0107	9.0000e-005	0.0108	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	9.3201	9.3201	3.3000e-004	0.0000	9.3284
Total	5.0300e-003	4.2800e-003	0.0398	1.0000e-004	0.0107	9.0000e-005	0.0108	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	9.3201	9.3201	3.3000e-004	0.0000	9.3284

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3.4 Phase I - Drainage/Utilities - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6097	0.0000	0.6097	0.3352	0.0000	0.3352	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2378	2.4813	1.4773	2.8500e-003		0.1209	0.1209		0.1113	0.1113	0.0000	250.7951	250.7951	0.0811	0.0000	252.8229
Total	0.2378	2.4813	1.4773	2.8500e-003	0.6097	0.1209	0.7307	0.3352	0.1113	0.4464	0.0000	250.7951	250.7951	0.0811	0.0000	252.8229

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	4.2800e-003	0.0398	1.0000e-004	0.0107	9.0000e-005	0.0108	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	9.3201	9.3201	3.3000e-004	0.0000	9.3284
Total	5.0300e-003	4.2800e-003	0.0398	1.0000e-004	0.0107	9.0000e-005	0.0108	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	9.3201	9.3201	3.3000e-004	0.0000	9.3284

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3.5 Phase I - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2503	0.3281	5.1000e-004		0.0128	0.0128		0.0118	0.0118	0.0000	45.0620	45.0620	0.0146	0.0000	45.4264
Paving	0.0423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0671	0.2503	0.3281	5.1000e-004		0.0128	0.0128		0.0118	0.0118	0.0000	45.0620	45.0620	0.0146	0.0000	45.4264

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	1.0700e-003	9.9600e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7100e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3300	2.3300	8.0000e-005	0.0000	2.3321
Total	1.2600e-003	1.0700e-003	9.9600e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7100e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3300	2.3300	8.0000e-005	0.0000	2.3321

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3.5 Phase I - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2503	0.3281	5.1000e-004		0.0128	0.0128		0.0118	0.0118	0.0000	45.0620	45.0620	0.0146	0.0000	45.4263
Paving	0.0423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0671	0.2503	0.3281	5.1000e-004		0.0128	0.0128		0.0118	0.0118	0.0000	45.0620	45.0620	0.0146	0.0000	45.4263

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	1.0700e-003	9.9600e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7100e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3300	2.3300	8.0000e-005	0.0000	2.3321
Total	1.2600e-003	1.0700e-003	9.9600e-003	3.0000e-005	2.6900e-003	2.0000e-005	2.7100e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.3300	2.3300	8.0000e-005	0.0000	2.3321

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3.6 Phase II - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0109	0.0000	0.0109	1.6600e-003	0.0000	1.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0858	0.8359	0.6693	1.2600e-003		0.0404	0.0404		0.0376	0.0376	0.0000	110.4682	110.4682	0.0310	0.0000	111.2440
Total	0.0858	0.8359	0.6693	1.2600e-003	0.0109	0.0404	0.0513	1.6600e-003	0.0376	0.0392	0.0000	110.4682	110.4682	0.0310	0.0000	111.2440

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6000e-004	0.0122	2.3200e-003	4.0000e-005	1.6700e-003	4.0000e-005	1.7100e-003	4.3000e-004	4.0000e-005	4.8000e-004	0.0000	3.7467	3.7467	1.5000e-004	0.0000	3.7504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.5500e-003	0.0144	4.0000e-005	3.8800e-003	3.0000e-005	3.9100e-003	1.0300e-003	3.0000e-005	1.0600e-003	0.0000	3.3656	3.3656	1.2000e-004	0.0000	3.3686
Total	2.1800e-003	0.0137	0.0167	8.0000e-005	5.5500e-003	7.0000e-005	5.6200e-003	1.4600e-003	7.0000e-005	1.5400e-003	0.0000	7.1123	7.1123	2.7000e-004	0.0000	7.1190

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3.6 Phase II - Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.9200e-003	0.0000	4.9200e-003	7.5000e-004	0.0000	7.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0858	0.8359	0.6693	1.2600e-003		0.0404	0.0404		0.0376	0.0376	0.0000	110.4681	110.4681	0.0310	0.0000	111.2438
Total	0.0858	0.8359	0.6693	1.2600e-003	4.9200e-003	0.0404	0.0453	7.5000e-004	0.0376	0.0383	0.0000	110.4681	110.4681	0.0310	0.0000	111.2438

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.6000e-004	0.0122	2.3200e-003	4.0000e-005	1.6700e-003	4.0000e-005	1.7100e-003	4.3000e-004	4.0000e-005	4.8000e-004	0.0000	3.7467	3.7467	1.5000e-004	0.0000	3.7504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.5500e-003	0.0144	4.0000e-005	3.8800e-003	3.0000e-005	3.9100e-003	1.0300e-003	3.0000e-005	1.0600e-003	0.0000	3.3656	3.3656	1.2000e-004	0.0000	3.3686
Total	2.1800e-003	0.0137	0.0167	8.0000e-005	5.5500e-003	7.0000e-005	5.6200e-003	1.4600e-003	7.0000e-005	1.5400e-003	0.0000	7.1123	7.1123	2.7000e-004	0.0000	7.1190

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0143	0.0000	0.0143	2.1700e-003	0.0000	2.1700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0964	0.9131	0.8348	1.6500e-003		0.0424	0.0424		0.0394	0.0394	0.0000	144.4663	144.4663	0.0405	0.0000	145.4778
Total	0.0964	0.9131	0.8348	1.6500e-003	0.0143	0.0424	0.0567	2.1700e-003	0.0394	0.0416	0.0000	144.4663	144.4663	0.0405	0.0000	145.4778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4000e-004	0.0120	2.6400e-003	5.0000e-005	1.7400e-003	3.0000e-005	1.7600e-003	4.6000e-004	3.0000e-005	4.8000e-004	0.0000	4.7804	4.7804	1.6000e-004	0.0000	4.7843
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2100e-003	1.8100e-003	0.0171	5.0000e-005	5.0700e-003	4.0000e-005	5.1100e-003	1.3500e-003	4.0000e-005	1.3800e-003	0.0000	4.2378	4.2378	1.4000e-004	0.0000	4.2413
Total	2.5500e-003	0.0138	0.0198	1.0000e-004	6.8100e-003	7.0000e-005	6.8700e-003	1.8100e-003	7.0000e-005	1.8600e-003	0.0000	9.0182	9.0182	3.0000e-004	0.0000	9.0256

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.4300e-003	0.0000	6.4300e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0964	0.9131	0.8348	1.6500e-003		0.0424	0.0424		0.0394	0.0394	0.0000	144.4661	144.4661	0.0405	0.0000	145.4776
Total	0.0964	0.9131	0.8348	1.6500e-003	6.4300e-003	0.0424	0.0488	9.7000e-004	0.0394	0.0404	0.0000	144.4661	144.4661	0.0405	0.0000	145.4776

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4000e-004	0.0120	2.6400e-003	5.0000e-005	1.7400e-003	3.0000e-005	1.7600e-003	4.6000e-004	3.0000e-005	4.8000e-004	0.0000	4.7804	4.7804	1.6000e-004	0.0000	4.7843
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2100e-003	1.8100e-003	0.0171	5.0000e-005	5.0700e-003	4.0000e-005	5.1100e-003	1.3500e-003	4.0000e-005	1.3800e-003	0.0000	4.2378	4.2378	1.4000e-004	0.0000	4.2413
Total	2.5500e-003	0.0138	0.0198	1.0000e-004	6.8100e-003	7.0000e-005	6.8700e-003	1.8100e-003	7.0000e-005	1.8600e-003	0.0000	9.0182	9.0182	3.0000e-004	0.0000	9.0256

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3973	0.0000	0.3973	0.1295	0.0000	0.1295	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1178	1.2624	0.9439	2.0200e-003		0.0531	0.0531		0.0489	0.0489	0.0000	177.2375	177.2375	0.0573	0.0000	178.6705
Total	0.1178	1.2624	0.9439	2.0200e-003	0.3973	0.0531	0.4504	0.1295	0.0489	0.1783	0.0000	177.2375	177.2375	0.0573	0.0000	178.6705

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.8800e-003	0.2327	0.0443	7.5000e-004	0.0319	8.1000e-004	0.0327	8.3100e-003	7.8000e-004	9.0800e-003	0.0000	71.5791	71.5791	2.8800e-003	0.0000	71.6512
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4200e-003	2.0600e-003	0.0192	5.0000e-005	5.1700e-003	4.0000e-005	5.2100e-003	1.3700e-003	4.0000e-005	1.4100e-003	0.0000	4.4875	4.4875	1.6000e-004	0.0000	4.4915
Total	9.3000e-003	0.2348	0.0635	8.0000e-004	0.0371	8.5000e-004	0.0379	9.6800e-003	8.2000e-004	0.0105	0.0000	76.0666	76.0666	3.0400e-003	0.0000	76.1426

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1788	0.0000	0.1788	0.0583	0.0000	0.0583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1178	1.2624	0.9439	2.0200e-003		0.0531	0.0531		0.0489	0.0489	0.0000	177.2372	177.2372	0.0573	0.0000	178.6703
Total	0.1178	1.2624	0.9439	2.0200e-003	0.1788	0.0531	0.2319	0.0583	0.0489	0.1071	0.0000	177.2372	177.2372	0.0573	0.0000	178.6703

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.8800e-003	0.2327	0.0443	7.5000e-004	0.0319	8.1000e-004	0.0327	8.3100e-003	7.8000e-004	9.0800e-003	0.0000	71.5791	71.5791	2.8800e-003	0.0000	71.6512
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4200e-003	2.0600e-003	0.0192	5.0000e-005	5.1700e-003	4.0000e-005	5.2100e-003	1.3700e-003	4.0000e-005	1.4100e-003	0.0000	4.4875	4.4875	1.6000e-004	0.0000	4.4915
Total	9.3000e-003	0.2348	0.0635	8.0000e-004	0.0371	8.5000e-004	0.0379	9.6800e-003	8.2000e-004	0.0105	0.0000	76.0666	76.0666	3.0400e-003	0.0000	76.1426

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4575	0.0000	0.4575	0.1626	0.0000	0.1626	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1412	1.4669	1.1922	2.6400e-003		0.0605	0.0605		0.0557	0.0557	0.0000	231.7746	231.7746	0.0750	0.0000	233.6487
Total	0.1412	1.4669	1.1922	2.6400e-003	0.4575	0.0605	0.5180	0.1626	0.0557	0.2183	0.0000	231.7746	231.7746	0.0750	0.0000	233.6487

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.5800e-003	0.2295	0.0505	9.5000e-004	0.0332	5.0000e-004	0.0337	8.7600e-003	4.8000e-004	9.2400e-003	0.0000	91.3276	91.3276	3.0000e-003	0.0000	91.4027
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	2.4200e-003	0.0229	6.0000e-005	6.7600e-003	5.0000e-005	6.8100e-003	1.8000e-003	5.0000e-005	1.8500e-003	0.0000	5.6504	5.6504	1.9000e-004	0.0000	5.6551
Total	9.5300e-003	0.2320	0.0733	1.0100e-003	0.0399	5.5000e-004	0.0405	0.0106	5.3000e-004	0.0111	0.0000	96.9780	96.9780	3.1900e-003	0.0000	97.0577

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2059	0.0000	0.2059	0.0732	0.0000	0.0732	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1412	1.4669	1.1922	2.6400e-003		0.0605	0.0605		0.0557	0.0557	0.0000	231.7744	231.7744	0.0750	0.0000	233.6484
Total	0.1412	1.4669	1.1922	2.6400e-003	0.2059	0.0605	0.2664	0.0732	0.0557	0.1289	0.0000	231.7744	231.7744	0.0750	0.0000	233.6484

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.5800e-003	0.2295	0.0505	9.5000e-004	0.0332	5.0000e-004	0.0337	8.7600e-003	4.8000e-004	9.2400e-003	0.0000	91.3276	91.3276	3.0000e-003	0.0000	91.4027
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9500e-003	2.4200e-003	0.0229	6.0000e-005	6.7600e-003	5.0000e-005	6.8100e-003	1.8000e-003	5.0000e-005	1.8500e-003	0.0000	5.6504	5.6504	1.9000e-004	0.0000	5.6551
Total	9.5300e-003	0.2320	0.0733	1.0100e-003	0.0399	5.5000e-004	0.0405	0.0106	5.3000e-004	0.0111	0.0000	96.9780	96.9780	3.1900e-003	0.0000	97.0577

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3.8 Phase I - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0555	0.5075	0.5318	8.8000e-004		0.0263	0.0263		0.0247	0.0247	0.0000	75.3107	75.3107	0.0180	0.0000	75.7618
Total	0.0555	0.5075	0.5318	8.8000e-004		0.0263	0.0263		0.0247	0.0247	0.0000	75.3107	75.3107	0.0180	0.0000	75.7618

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0650	2.0648	0.4802	5.3900e-003	0.1263	5.7700e-003	0.1320	0.0365	5.5200e-003	0.0420	0.0000	513.7684	513.7684	0.0266	0.0000	514.4342
Worker	0.2236	0.1901	1.7689	4.5800e-003	0.4770	3.8400e-003	0.4809	0.1268	3.5400e-003	0.1304	0.0000	413.9679	413.9679	0.0147	0.0000	414.3365
Total	0.2885	2.2549	2.2491	9.9700e-003	0.6033	9.6100e-003	0.6129	0.1633	9.0600e-003	0.1724	0.0000	927.7364	927.7364	0.0414	0.0000	928.7708

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3.8 Phase I - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0555	0.5075	0.5318	8.8000e-004		0.0263	0.0263		0.0247	0.0247	0.0000	75.3106	75.3106	0.0180	0.0000	75.7617
Total	0.0555	0.5075	0.5318	8.8000e-004		0.0263	0.0263		0.0247	0.0247	0.0000	75.3106	75.3106	0.0180	0.0000	75.7617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0650	2.0648	0.4802	5.3900e-003	0.1263	5.7700e-003	0.1320	0.0365	5.5200e-003	0.0420	0.0000	513.7684	513.7684	0.0266	0.0000	514.4342
Worker	0.2236	0.1901	1.7689	4.5800e-003	0.4770	3.8400e-003	0.4809	0.1268	3.5400e-003	0.1304	0.0000	413.9679	413.9679	0.0147	0.0000	414.3365
Total	0.2885	2.2549	2.2491	9.9700e-003	0.6033	9.6100e-003	0.6129	0.1633	9.0600e-003	0.1724	0.0000	927.7364	927.7364	0.0414	0.0000	928.7708

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3.8 Phase I - 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1952	6.7946	1.6384	0.0212	0.5051	9.9100e-003	0.5150	0.1460	9.4700e-003	0.1554	0.0000	2,018.6295	2,018.6295	0.0825	0.0000	2,020.6929
Worker	0.8317	0.6815	6.4493	0.0177	1.9082	0.0149	1.9230	0.5074	0.0137	0.5211	0.0000	1,594.4141	1,594.4141	0.0526	0.0000	1,595.7292
Total	1.0269	7.4760	8.0878	0.0388	2.4132	0.0248	2.4380	0.6533	0.0232	0.6765	0.0000	3,613.0435	3,613.0435	0.1351	0.0000	3,616.4221

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3.8 Phase I - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1952	6.7946	1.6384	0.0212	0.5051	9.9100e-003	0.5150	0.1460	9.4700e-003	0.1554	0.0000	2,018.6295	2,018.6295	0.0825	0.0000	2,020.6929
Worker	0.8317	0.6815	6.4493	0.0177	1.9082	0.0149	1.9230	0.5074	0.0137	0.5211	0.0000	1,594.4141	1,594.4141	0.0526	0.0000	1,595.7292
Total	1.0269	7.4760	8.0878	0.0388	2.4132	0.0248	2.4380	0.6533	0.0232	0.6765	0.0000	3,613.0435	3,613.0435	0.1351	0.0000	3,616.4221

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3.8 Phase I - Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1862	6.6910	1.5299	0.0212	0.5090	9.2800e-003	0.5182	0.1471	8.8800e-003	0.1560	0.0000	2,017.5666	2,017.5666	0.0825	0.0000	2,019.6280
Worker	0.7826	0.6172	5.9625	0.0171	1.9228	0.0146	1.9374	0.5113	0.0134	0.5247	0.0000	1,544.7386	1,544.7386	0.0474	0.0000	1,545.9247
Total	0.9687	7.3083	7.4924	0.0383	2.4318	0.0238	2.4556	0.6584	0.0223	0.6806	0.0000	3,562.3052	3,562.3052	0.1299	0.0000	3,565.5527

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3.8 Phase I - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1862	6.6910	1.5299	0.0212	0.5090	9.2800e-003	0.5182	0.1471	8.8800e-003	0.1560	0.0000	2,017.5666	2,017.5666	0.0825	0.0000	2,019.6280
Worker	0.7826	0.6172	5.9625	0.0171	1.9228	0.0146	1.9374	0.5113	0.0134	0.5247	0.0000	1,544.7386	1,544.7386	0.0474	0.0000	1,545.9247
Total	0.9687	7.3083	7.4924	0.0383	2.4318	0.0238	2.4556	0.6584	0.0223	0.6806	0.0000	3,562.3052	3,562.3052	0.1299	0.0000	3,565.5527

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3.8 Phase I - 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	0.1491	1.3592	1.7532	2.9400e-003		0.0575	0.0575		0.0541	0.0541	0.0000	252.7922	252.7922	0.0594	0.0000	254.2778
Total	0.1491	1.3592	1.7532	2.9400e-003		0.0575	0.0575		0.0541	0.0541	0.0000	252.7922	252.7922	0.0594	0.0000	254.2778

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1474	5.4533	1.1898	0.0175	0.4235	7.2100e-003	0.4307	0.1224	6.9000e-003	0.1293	0.0000	1,665.9864	1,665.9864	0.0681	0.0000	1,667.6879
Worker	0.6116	0.4643	4.5664	0.0137	1.5999	0.0118	1.6118	0.4254	0.0109	0.4363	0.0000	1,234.2905	1,234.2905	0.0356	0.0000	1,235.1803
Total	0.7590	5.9176	5.7563	0.0311	2.0234	0.0191	2.0425	0.5478	0.0178	0.5656	0.0000	2,900.2769	2,900.2769	0.1037	0.0000	2,902.8682

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3.8 Phase I - Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1491	1.3592	1.7532	2.9400e-003		0.0575	0.0575		0.0541	0.0541	0.0000	252.7919	252.7919	0.0594	0.0000	254.2775
Total	0.1491	1.3592	1.7532	2.9400e-003		0.0575	0.0575		0.0541	0.0541	0.0000	252.7919	252.7919	0.0594	0.0000	254.2775

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1474	5.4533	1.1898	0.0175	0.4235	7.2100e-003	0.4307	0.1224	6.9000e-003	0.1293	0.0000	1,665.9864	1,665.9864	0.0681	0.0000	1,667.6879
Worker	0.6116	0.4643	4.5664	0.0137	1.5999	0.0118	1.6118	0.4254	0.0109	0.4363	0.0000	1,234.2905	1,234.2905	0.0356	0.0000	1,235.1803
Total	0.7590	5.9176	5.7563	0.0311	2.0234	0.0191	2.0425	0.5478	0.0178	0.5656	0.0000	2,900.2769	2,900.2769	0.1037	0.0000	2,902.8682

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3.9 Phase I - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2500e-003	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	0.1280	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	0.0129	0.1197	3.1000e-004	0.0323	2.6000e-004	0.0326	8.5900e-003	2.4000e-004	8.8300e-003	0.0000	28.0225	28.0225	1.0000e-003	0.0000	28.0474
Total	0.0151	0.0129	0.1197	3.1000e-004	0.0323	2.6000e-004	0.0326	8.5900e-003	2.4000e-004	8.8300e-003	0.0000	28.0225	28.0225	1.0000e-003	0.0000	28.0474

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3.9 Phase I - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2500e-003	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132
Total	0.1280	0.0155	0.0200	3.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004	0.0000	2.8086	2.8086	1.8000e-004	0.0000	2.8132

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	0.0129	0.1197	3.1000e-004	0.0323	2.6000e-004	0.0326	8.5900e-003	2.4000e-004	8.8300e-003	0.0000	28.0225	28.0225	1.0000e-003	0.0000	28.0474
Total	0.0151	0.0129	0.1197	3.1000e-004	0.0323	2.6000e-004	0.0326	8.5900e-003	2.4000e-004	8.8300e-003	0.0000	28.0225	28.0225	1.0000e-003	0.0000	28.0474

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3.9 Phase I - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4862					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0249	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419
Total	1.5112	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1664	0.1363	1.2899	3.5300e-003	0.3816	2.9700e-003	0.3846	0.1015	2.7400e-003	0.1042	0.0000	318.8828	318.8828	0.0105	0.0000	319.1458
Total	0.1664	0.1363	1.2899	3.5300e-003	0.3816	2.9700e-003	0.3846	0.1015	2.7400e-003	0.1042	0.0000	318.8828	318.8828	0.0105	0.0000	319.1458

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3.9 Phase I - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4862					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0249	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419
Total	1.5112	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1664	0.1363	1.2899	3.5300e-003	0.3816	2.9700e-003	0.3846	0.1015	2.7400e-003	0.1042	0.0000	318.8828	318.8828	0.0105	0.0000	319.1458
Total	0.1664	0.1363	1.2899	3.5300e-003	0.3816	2.9700e-003	0.3846	0.1015	2.7400e-003	0.1042	0.0000	318.8828	318.8828	0.0105	0.0000	319.1458

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3.9 Phase I - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4977					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	1.5214	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1565	0.1235	1.1925	3.4200e-003	0.3846	2.9100e-003	0.3875	0.1023	2.6800e-003	0.1049	0.0000	308.9477	308.9477	9.4900e-003	0.0000	309.1849
Total	0.1565	0.1235	1.1925	3.4200e-003	0.3846	2.9100e-003	0.3875	0.1023	2.6800e-003	0.1049	0.0000	308.9477	308.9477	9.4900e-003	0.0000	309.1849

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3.9 Phase I - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4977					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	1.5214	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1565	0.1235	1.1925	3.4200e-003	0.3846	2.9100e-003	0.3875	0.1023	2.6800e-003	0.1049	0.0000	308.9477	308.9477	9.4900e-003	0.0000	309.1849
Total	0.1565	0.1235	1.1925	3.4200e-003	0.3846	2.9100e-003	0.3875	0.1023	2.6800e-003	0.1049	0.0000	308.9477	308.9477	9.4900e-003	0.0000	309.1849

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3.9 Phase I - 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	1.2462					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.1249	0.1972	3.2000e-004		5.6100e-003	5.6100e-003		5.6100e-003	5.6100e-003	0.0000	27.8305	27.8305	1.5200e-003	0.0000	27.8684
Total	1.2648	0.1249	0.1972	3.2000e-004		5.6100e-003	5.6100e-003		5.6100e-003	5.6100e-003	0.0000	27.8305	27.8305	1.5200e-003	0.0000	27.8684

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1223	0.0929	0.9133	2.7300e-003	0.3200	2.3700e-003	0.3224	0.0851	2.1800e-003	0.0873	0.0000	246.8581	246.8581	7.1200e-003	0.0000	247.0361
Total	0.1223	0.0929	0.9133	2.7300e-003	0.3200	2.3700e-003	0.3224	0.0851	2.1800e-003	0.0873	0.0000	246.8581	246.8581	7.1200e-003	0.0000	247.0361

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3.9 Phase I - Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2462					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0186	0.1249	0.1972	3.2000e-004		5.6100e-003	5.6100e-003		5.6100e-003	5.6100e-003	0.0000	27.8304	27.8304	1.5200e-003	0.0000	27.8684
Total	1.2648	0.1249	0.1972	3.2000e-004		5.6100e-003	5.6100e-003		5.6100e-003	5.6100e-003	0.0000	27.8304	27.8304	1.5200e-003	0.0000	27.8684

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1223	0.0929	0.9133	2.7300e-003	0.3200	2.3700e-003	0.3224	0.0851	2.1800e-003	0.0873	0.0000	246.8581	246.8581	7.1200e-003	0.0000	247.0361
Total	0.1223	0.0929	0.9133	2.7300e-003	0.3200	2.3700e-003	0.3224	0.0851	2.1800e-003	0.0873	0.0000	246.8581	246.8581	7.1200e-003	0.0000	247.0361

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3.10 Phase II - Drainage/Utilities - 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					1.5808	0.0000	1.5808	0.8689	0.0000	0.8689	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2327	2.4084	1.5964	3.3300e-003		0.1108	0.1108		0.1019	0.1019	0.0000	292.6936	292.6936	0.0947	0.0000	295.0602
Total	0.2327	2.4084	1.5964	3.3300e-003	1.5808	0.1108	1.6916	0.8689	0.1019	0.9708	0.0000	292.6936	292.6936	0.0947	0.0000	295.0602

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4600e-003	4.4700e-003	0.0424	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.4699	10.4699	3.5000e-004	0.0000	10.4785
Total	5.4600e-003	4.4700e-003	0.0424	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.4699	10.4699	3.5000e-004	0.0000	10.4785

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3.10 Phase II - Drainage/Utilities - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7114	0.0000	0.7114	0.3910	0.0000	0.3910	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2327	2.4084	1.5964	3.3300e-003		0.1108	0.1108		0.1019	0.1019	0.0000	292.6933	292.6933	0.0947	0.0000	295.0598
Total	0.2327	2.4084	1.5964	3.3300e-003	0.7114	0.1108	0.8221	0.3910	0.1019	0.4929	0.0000	292.6933	292.6933	0.0947	0.0000	295.0598

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4600e-003	4.4700e-003	0.0424	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.4699	10.4699	3.5000e-004	0.0000	10.4785
Total	5.4600e-003	4.4700e-003	0.0424	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.4699	10.4699	3.5000e-004	0.0000	10.4785

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3667	0.0000	2.3667	1.3009	0.0000	1.3009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3486	3.5601	2.4020	4.9900e-003		0.1610	0.1610		0.1482	0.1482	0.0000	438.2875	438.2875	0.1418	0.0000	441.8313
Total	0.3486	3.5601	2.4020	4.9900e-003	2.3667	0.1610	2.5277	1.3009	0.1482	1.4491	0.0000	438.2875	438.2875	0.1418	0.0000	441.8313

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6300e-003	6.0200e-003	0.0582	1.7000e-004	0.0188	1.4000e-004	0.0189	4.9900e-003	1.3000e-004	5.1200e-003	0.0000	15.0706	15.0706	4.6000e-004	0.0000	15.0822
Total	7.6300e-003	6.0200e-003	0.0582	1.7000e-004	0.0188	1.4000e-004	0.0189	4.9900e-003	1.3000e-004	5.1200e-003	0.0000	15.0706	15.0706	4.6000e-004	0.0000	15.0822

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3.10 Phase II - Drainage/Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0650	0.0000	1.0650	0.5854	0.0000	0.5854	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3486	3.5601	2.4020	4.9900e-003		0.1610	0.1610		0.1482	0.1482	0.0000	438.2870	438.2870	0.1418	0.0000	441.8308
Total	0.3486	3.5601	2.4020	4.9900e-003	1.0650	0.1610	1.2261	0.5854	0.1482	0.7336	0.0000	438.2870	438.2870	0.1418	0.0000	441.8308

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6300e-003	6.0200e-003	0.0582	1.7000e-004	0.0188	1.4000e-004	0.0189	4.9900e-003	1.3000e-004	5.1200e-003	0.0000	15.0706	15.0706	4.6000e-004	0.0000	15.0822
Total	7.6300e-003	6.0200e-003	0.0582	1.7000e-004	0.0188	1.4000e-004	0.0189	4.9900e-003	1.3000e-004	5.1200e-003	0.0000	15.0706	15.0706	4.6000e-004	0.0000	15.0822

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3.10 Phase II - Drainage/Utilities - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3577	0.0000	2.3577	1.2960	0.0000	1.2960	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3227	3.2930	2.3375	4.9700e-003		0.1418	0.1418		0.1305	0.1305	0.0000	436.7442	436.7442	0.1413	0.0000	440.2755
Total	0.3227	3.2930	2.3375	4.9700e-003	2.3577	0.1418	2.4995	1.2960	0.1305	1.4264	0.0000	436.7442	436.7442	0.1413	0.0000	440.2755

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1400e-003	5.4200e-003	0.0533	1.6000e-004	0.0187	1.4000e-004	0.0188	4.9700e-003	1.3000e-004	5.1000e-003	0.0000	14.4171	14.4171	4.2000e-004	0.0000	14.4275
Total	7.1400e-003	5.4200e-003	0.0533	1.6000e-004	0.0187	1.4000e-004	0.0188	4.9700e-003	1.3000e-004	5.1000e-003	0.0000	14.4171	14.4171	4.2000e-004	0.0000	14.4275

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3.10 Phase II - Drainage/Utilities - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0609	0.0000	1.0609	0.5832	0.0000	0.5832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3227	3.2930	2.3375	4.9700e-003		0.1418	0.1418		0.1305	0.1305	0.0000	436.7437	436.7437	0.1413	0.0000	440.2749
Total	0.3227	3.2930	2.3375	4.9700e-003	1.0609	0.1418	1.2028	0.5832	0.1305	0.7137	0.0000	436.7437	436.7437	0.1413	0.0000	440.2749

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1400e-003	5.4200e-003	0.0533	1.6000e-004	0.0187	1.4000e-004	0.0188	4.9700e-003	1.3000e-004	5.1000e-003	0.0000	14.4171	14.4171	4.2000e-004	0.0000	14.4275
Total	7.1400e-003	5.4200e-003	0.0533	1.6000e-004	0.0187	1.4000e-004	0.0188	4.9700e-003	1.3000e-004	5.1000e-003	0.0000	14.4171	14.4171	4.2000e-004	0.0000	14.4275

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.10 Phase II - Drainage/Utilities - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9665	0.0000	0.9665	0.5313	0.0000	0.5313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.3500	0.9583	2.0400e-003		0.0581	0.0581		0.0535	0.0535	0.0000	179.0484	179.0484	0.0579	0.0000	180.4961
Total	0.1323	1.3500	0.9583	2.0400e-003	0.9665	0.0581	1.0247	0.5313	0.0535	0.5848	0.0000	179.0484	179.0484	0.0579	0.0000	180.4961

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7600e-003	2.0200e-003	0.0201	6.0000e-005	7.6600e-003	5.0000e-005	7.7200e-003	2.0400e-003	5.0000e-005	2.0900e-003	0.0000	5.6738	5.6738	1.5000e-004	0.0000	5.6776
Total	2.7600e-003	2.0200e-003	0.0201	6.0000e-005	7.6600e-003	5.0000e-005	7.7200e-003	2.0400e-003	5.0000e-005	2.0900e-003	0.0000	5.6738	5.6738	1.5000e-004	0.0000	5.6776

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3.10 Phase II - Drainage/Utilities - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4350	0.0000	0.4350	0.2391	0.0000	0.2391	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.3500	0.9583	2.0400e-003		0.0581	0.0581		0.0535	0.0535	0.0000	179.0482	179.0482	0.0579	0.0000	180.4959
Total	0.1323	1.3500	0.9583	2.0400e-003	0.4350	0.0581	0.4931	0.2391	0.0535	0.2926	0.0000	179.0482	179.0482	0.0579	0.0000	180.4959

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7600e-003	2.0200e-003	0.0201	6.0000e-005	7.6600e-003	5.0000e-005	7.7200e-003	2.0400e-003	5.0000e-005	2.0900e-003	0.0000	5.6738	5.6738	1.5000e-004	0.0000	5.6776
Total	2.7600e-003	2.0200e-003	0.0201	6.0000e-005	7.6600e-003	5.0000e-005	7.7200e-003	2.0400e-003	5.0000e-005	2.0900e-003	0.0000	5.6738	5.6738	1.5000e-004	0.0000	5.6776

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.11 Phase II - 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	0.1053	0.9602	1.2385	2.0800e-003		0.0406	0.0406		0.0382	0.0382	0.0000	178.5780	178.5780	0.0420	0.0000	179.6274
Total	0.1053	0.9602	1.2385	2.0800e-003		0.0406	0.0406		0.0382	0.0382	0.0000	178.5780	178.5780	0.0420	0.0000	179.6274

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1003	3.7864	0.8003	0.0123	0.2992	4.8300e-003	0.3040	0.0865	4.6200e-003	0.0911	0.0000	1,170.2289	1,170.2289	0.0475	0.0000	1,171.4163
Worker	0.4073	0.2976	2.9712	9.2600e-003	1.1302	8.0400e-003	1.1383	0.3005	7.4000e-003	0.3079	0.0000	837.0135	837.0135	0.0226	0.0000	837.5788
Total	0.5076	4.0840	3.7715	0.0215	1.4294	0.0129	1.4423	0.3870	0.0120	0.3990	0.0000	2,007.2423	2,007.2423	0.0701	0.0000	2,008.9951

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3.11 Phase II - Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1053	0.9602	1.2385	2.0800e-003		0.0406	0.0406		0.0382	0.0382	0.0000	178.5778	178.5778	0.0420	0.0000	179.6272
Total	0.1053	0.9602	1.2385	2.0800e-003		0.0406	0.0406		0.0382	0.0382	0.0000	178.5778	178.5778	0.0420	0.0000	179.6272

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1003	3.7864	0.8003	0.0123	0.2992	4.8300e-003	0.3040	0.0865	4.6200e-003	0.0911	0.0000	1,170.2289	1,170.2289	0.0475	0.0000	1,171.4163
Worker	0.4073	0.2976	2.9712	9.2600e-003	1.1302	8.0400e-003	1.1383	0.3005	7.4000e-003	0.3079	0.0000	837.0135	837.0135	0.0226	0.0000	837.5788
Total	0.5076	4.0840	3.7715	0.0215	1.4294	0.0129	1.4423	0.3870	0.0120	0.3990	0.0000	2,007.2423	2,007.2423	0.0701	0.0000	2,008.9951

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3.11 Phase II - Building Construction - 2027

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1644	6.3148	1.2977	0.0207	0.5071	7.7700e-003	0.5148	0.1466	7.4300e-003	0.1540	0.0000	1,973.5237	1,973.5237	0.0796	0.0000	1,975.5144
Worker	0.6503	0.4580	4.6598	0.0152	1.9155	0.0128	1.9283	0.5093	0.0118	0.5211	0.0000	1,369.7258	1,369.7258	0.0347	0.0000	1,370.5920
Total	0.8147	6.7729	5.9575	0.0359	2.4225	0.0206	2.4431	0.6559	0.0192	0.6751	0.0000	3,343.2495	3,343.2495	0.1143	0.0000	3,346.1064

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3.11 Phase II - Building Construction - 2027

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1644	6.3148	1.2977	0.0207	0.5071	7.7700e-003	0.5148	0.1466	7.4300e-003	0.1540	0.0000	1,973.5237	1,973.5237	0.0796	0.0000	1,975.5144
Worker	0.6503	0.4580	4.6598	0.0152	1.9155	0.0128	1.9283	0.5093	0.0118	0.5211	0.0000	1,369.7258	1,369.7258	0.0347	0.0000	1,370.5920
Total	0.8147	6.7729	5.9575	0.0359	2.4225	0.0206	2.4431	0.6559	0.0192	0.6751	0.0000	3,343.2495	3,343.2495	0.1143	0.0000	3,346.1064

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3.11 Phase II - Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1591	6.2070	1.2483	0.0205	0.5051	7.3800e-003	0.5125	0.1460	7.0600e-003	0.1530	0.0000	1,958.0005	1,958.0005	0.0782	0.0000	1,959.9559
Worker	0.6070	0.4154	4.3139	0.0146	1.9082	0.0119	1.9200	0.5074	0.0109	0.5183	0.0000	1,321.2836	1,321.2836	0.0314	0.0000	1,322.0676
Total	0.7661	6.6224	5.5622	0.0351	2.4133	0.0193	2.4325	0.6534	0.0180	0.6713	0.0000	3,279.2840	3,279.2840	0.1096	0.0000	3,282.0234

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3.11 Phase II - Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1591	6.2070	1.2483	0.0205	0.5051	7.3800e-003	0.5125	0.1460	7.0600e-003	0.1530	0.0000	1,958.0005	1,958.0005	0.0782	0.0000	1,959.9559
Worker	0.6070	0.4154	4.3139	0.0146	1.9082	0.0119	1.9200	0.5074	0.0109	0.5183	0.0000	1,321.2836	1,321.2836	0.0314	0.0000	1,322.0676
Total	0.7661	6.6224	5.5622	0.0351	2.4133	0.0193	2.4325	0.6534	0.0180	0.6713	0.0000	3,279.2840	3,279.2840	0.1096	0.0000	3,282.0234

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3.11 Phase II - Building Construction - 2029

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1557	6.1546	1.2133	0.0205	0.5071	7.0900e-003	0.5142	0.1466	6.7800e-003	0.1533	0.0000	1,958.5435	1,958.5435	0.0776	0.0000	1,960.4841
Worker	0.5653	0.3786	4.0114	0.0142	1.9155	0.0111	1.9266	0.5093	0.0102	0.5195	0.0000	1,287.8587	1,287.8587	0.0284	0.0000	1,288.5686
Total	0.7210	6.5332	5.2246	0.0348	2.4226	0.0182	2.4408	0.6559	0.0170	0.6729	0.0000	3,246.4022	3,246.4022	0.1060	0.0000	3,249.0527

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3.11 Phase II - Building Construction - 2029

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1557	6.1546	1.2133	0.0205	0.5071	7.0900e-003	0.5142	0.1466	6.7800e-003	0.1533	0.0000	1,958.5435	1,958.5435	0.0776	0.0000	1,960.4841
Worker	0.5653	0.3786	4.0114	0.0142	1.9155	0.0111	1.9266	0.5093	0.0102	0.5195	0.0000	1,287.8587	1,287.8587	0.0284	0.0000	1,288.5686
Total	0.7210	6.5332	5.2246	0.0348	2.4226	0.0182	2.4408	0.6559	0.0170	0.6729	0.0000	3,246.4022	3,246.4022	0.1060	0.0000	3,249.0527

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Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1524	6.0895	1.1833	0.0205	0.5071	6.8100e-003	0.5139	0.1466	6.5100e-003	0.1531	0.0000	1,953.2214	1,953.2214	0.0766	0.0000	1,955.1367
Worker	0.5220	0.3432	3.7257	0.0139	1.9155	0.0103	1.9258	0.5093	9.5000e-003	0.5188	0.0000	1,253.7963	1,253.7963	0.0256	0.0000	1,254.4374
Total	0.6744	6.4327	4.9090	0.0343	2.4226	0.0171	2.4397	0.6559	0.0160	0.6719	0.0000	3,207.0176	3,207.0176	0.1023	0.0000	3,209.5741

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1524	6.0895	1.1833	0.0205	0.5071	6.8100e-003	0.5139	0.1466	6.5100e-003	0.1531	0.0000	1,953.2214	1,953.2214	0.0766	0.0000	1,955.1367
Worker	0.5220	0.3432	3.7257	0.0139	1.9155	0.0103	1.9258	0.5093	9.5000e-003	0.5188	0.0000	1,253.7963	1,253.7963	0.0256	0.0000	1,254.4374
Total	0.6744	6.4327	4.9090	0.0343	2.4226	0.0171	2.4397	0.6559	0.0160	0.6719	0.0000	3,207.0176	3,207.0176	0.1023	0.0000	3,209.5741

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Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1496	6.0332	1.1577	0.0204	0.5071	6.5600e-003	0.5136	0.1466	6.2700e-003	0.1528	0.0000	1,949.3748	1,949.3748	0.0759	0.0000	1,951.2733
Worker	0.4757	0.3094	3.4504	0.0135	1.9155	9.6100e-003	1.9251	0.5093	8.8400e-003	0.5182	0.0000	1,223.7480	1,223.7480	0.0230	0.0000	1,224.3232
Total	0.6253	6.3425	4.6080	0.0340	2.4226	0.0162	2.4387	0.6559	0.0151	0.6710	0.0000	3,173.1228	3,173.1228	0.0990	0.0000	3,175.5965

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1496	6.0332	1.1577	0.0204	0.5071	6.5600e-003	0.5136	0.1466	6.2700e-003	0.1528	0.0000	1,949.3748	1,949.3748	0.0759	0.0000	1,951.2733
Worker	0.4757	0.3094	3.4504	0.0135	1.9155	9.6100e-003	1.9251	0.5093	8.8400e-003	0.5182	0.0000	1,223.7480	1,223.7480	0.0230	0.0000	1,224.3232
Total	0.6253	6.3425	4.6080	0.0340	2.4226	0.0162	2.4387	0.6559	0.0151	0.6710	0.0000	3,173.1228	3,173.1228	0.0990	0.0000	3,175.5965

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1479	6.0069	1.1428	0.0205	0.5090	6.3600e-003	0.5154	0.1471	6.0800e-003	0.1532	0.0000	1,954.5487	1,954.5487	0.0757	0.0000	1,956.4400
Worker	0.4369	0.2813	3.2236	0.0133	1.9228	8.9900e-003	1.9318	0.5113	8.2700e-003	0.5195	0.0000	1,202.0003	1,202.0003	0.0208	0.0000	1,202.5205
Total	0.5848	6.2881	4.3664	0.0338	2.4319	0.0154	2.4472	0.6584	0.0144	0.6727	0.0000	3,156.5490	3,156.5490	0.0965	0.0000	3,158.9605

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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1479	6.0069	1.1428	0.0205	0.5090	6.3600e-003	0.5154	0.1471	6.0800e-003	0.1532	0.0000	1,954.5487	1,954.5487	0.0757	0.0000	1,956.4400
Worker	0.4369	0.2813	3.2236	0.0133	1.9228	8.9900e-003	1.9318	0.5113	8.2700e-003	0.5195	0.0000	1,202.0003	1,202.0003	0.0208	0.0000	1,202.5205
Total	0.5848	6.2881	4.3664	0.0338	2.4319	0.0154	2.4472	0.6584	0.0144	0.6727	0.0000	3,156.5490	3,156.5490	0.0965	0.0000	3,158.9605

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3.11 Phase II - Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1451	5.9188	1.1187	0.0203	0.5052	6.1200e-003	0.5113	0.1460	5.8500e-003	0.1519	0.0000	1,938.3180	1,938.3180	0.0746	0.0000	1,940.1840
Worker	0.3996	0.2549	2.9980	0.0129	1.9082	8.3400e-003	1.9165	0.5074	7.6700e-003	0.5150	0.0000	1,169.9814	1,169.9814	0.0187	0.0000	1,170.4497
Total	0.5447	6.1738	4.1167	0.0332	2.4133	0.0145	2.4278	0.6534	0.0135	0.6669	0.0000	3,108.2994	3,108.2994	0.0934	0.0000	3,110.6337

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Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1451	5.9188	1.1187	0.0203	0.5052	6.1200e-003	0.5113	0.1460	5.8500e-003	0.1519	0.0000	1,938.3180	1,938.3180	0.0746	0.0000	1,940.1840
Worker	0.3996	0.2549	2.9980	0.0129	1.9082	8.3400e-003	1.9165	0.5074	7.6700e-003	0.5150	0.0000	1,169.9814	1,169.9814	0.0187	0.0000	1,170.4497
Total	0.5447	6.1738	4.1167	0.0332	2.4133	0.0145	2.4278	0.6534	0.0135	0.6669	0.0000	3,108.2994	3,108.2994	0.0934	0.0000	3,110.6337

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3.11 Phase II - Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1435	5.8819	1.1049	0.0203	0.5052	5.9500e-003	0.5111	0.1460	5.6900e-003	0.1517	0.0000	1,937.8355	1,937.8355	0.0742	0.0000	1,939.6908
Worker	0.3709	0.2348	2.8113	0.0127	1.9082	7.8000e-003	1.9160	0.5074	7.1800e-003	0.5145	0.0000	1,150.0718	1,150.0718	0.0170	0.0000	1,150.4958
Total	0.5144	6.1167	3.9162	0.0330	2.4133	0.0138	2.4271	0.6534	0.0129	0.6662	0.0000	3,087.9073	3,087.9073	0.0912	0.0000	3,090.1866

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3.11 Phase II - Building Construction - 2034

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1435	5.8819	1.1049	0.0203	0.5052	5.9500e-003	0.5111	0.1460	5.6900e-003	0.1517	0.0000	1,937.8355	1,937.8355	0.0742	0.0000	1,939.6908
Worker	0.3709	0.2348	2.8113	0.0127	1.9082	7.8000e-003	1.9160	0.5074	7.1800e-003	0.5145	0.0000	1,150.0718	1,150.0718	0.0170	0.0000	1,150.4958
Total	0.5144	6.1167	3.9162	0.0330	2.4133	0.0138	2.4271	0.6534	0.0129	0.6662	0.0000	3,087.9073	3,087.9073	0.0912	0.0000	3,090.1866

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3.12 Phase II - Paving - 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	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0524	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.5000e-004	3.4500e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	0.9721	0.9721	3.0000e-005	0.0000	0.9728
Total	4.7000e-004	3.5000e-004	3.4500e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	0.9721	0.9721	3.0000e-005	0.0000	0.9728

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.12 Phase II - Paving - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0423					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0524	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.5000e-004	3.4500e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	0.9721	0.9721	3.0000e-005	0.0000	0.9728
Total	4.7000e-004	3.5000e-004	3.4500e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	0.9721	0.9721	3.0000e-005	0.0000	0.9728

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.13 Phase II - 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	0.2163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.3100e-003	0.0624	0.0986	1.6000e-004		2.8100e-003	2.8100e-003		2.8100e-003	2.8100e-003	0.0000	13.9152	13.9152	7.6000e-004	0.0000	13.9342
Total	0.2256	0.0624	0.0986	1.6000e-004		2.8100e-003	2.8100e-003		2.8100e-003	2.8100e-003	0.0000	13.9152	13.9152	7.6000e-004	0.0000	13.9342

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0577	0.0421	0.4206	1.3100e-003	0.1600	1.1400e-003	0.1611	0.0425	1.0500e-003	0.0436	0.0000	118.4863	118.4863	3.2000e-003	0.0000	118.5664
Total	0.0577	0.0421	0.4206	1.3100e-003	0.1600	1.1400e-003	0.1611	0.0425	1.0500e-003	0.0436	0.0000	118.4863	118.4863	3.2000e-003	0.0000	118.5664

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3.13 Phase II - Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.3100e-003	0.0624	0.0986	1.6000e-004		2.8100e-003	2.8100e-003		2.8100e-003	2.8100e-003	0.0000	13.9152	13.9152	7.6000e-004	0.0000	13.9342
Total	0.2256	0.0624	0.0986	1.6000e-004		2.8100e-003	2.8100e-003		2.8100e-003	2.8100e-003	0.0000	13.9152	13.9152	7.6000e-004	0.0000	13.9342

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0577	0.0421	0.4206	1.3100e-003	0.1600	1.1400e-003	0.1611	0.0425	1.0500e-003	0.0436	0.0000	118.4863	118.4863	3.2000e-003	0.0000	118.5664
Total	0.0577	0.0421	0.4206	1.3100e-003	0.1600	1.1400e-003	0.1611	0.0425	1.0500e-003	0.0436	0.0000	118.4863	118.4863	3.2000e-003	0.0000	118.5664

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.13 Phase II - 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	0.5179					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	0.5402	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1301	0.0916	0.9320	3.0300e-003	0.3831	2.5600e-003	0.3857	0.1019	2.3600e-003	0.1042	0.0000	273.9452	273.9452	6.9300e-003	0.0000	274.1184
Total	0.1301	0.0916	0.9320	3.0300e-003	0.3831	2.5600e-003	0.3857	0.1019	2.3600e-003	0.1042	0.0000	273.9452	273.9452	6.9300e-003	0.0000	274.1184

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3.13 Phase II - Architectural Coating - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5179					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	0.5402	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1301	0.0916	0.9320	3.0300e-003	0.3831	2.5600e-003	0.3857	0.1019	2.3600e-003	0.1042	0.0000	273.9452	273.9452	6.9300e-003	0.0000	274.1184
Total	0.1301	0.0916	0.9320	3.0300e-003	0.3831	2.5600e-003	0.3857	0.1019	2.3600e-003	0.1042	0.0000	273.9452	273.9452	6.9300e-003	0.0000	274.1184

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.13 Phase II - 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	0.5160					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	0.5382	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1214	0.0831	0.8628	2.9200e-003	0.3816	2.3800e-003	0.3840	0.1015	2.1900e-003	0.1037	0.0000	264.2567	264.2567	6.2700e-003	0.0000	264.4135
Total	0.1214	0.0831	0.8628	2.9200e-003	0.3816	2.3800e-003	0.3840	0.1015	2.1900e-003	0.1037	0.0000	264.2567	264.2567	6.2700e-003	0.0000	264.4135

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3.13 Phase II - Architectural Coating - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5160					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	0.5382	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1214	0.0831	0.8628	2.9200e-003	0.3816	2.3800e-003	0.3840	0.1015	2.1900e-003	0.1037	0.0000	264.2567	264.2567	6.2700e-003	0.0000	264.4135
Total	0.1214	0.0831	0.8628	2.9200e-003	0.3816	2.3800e-003	0.3840	0.1015	2.1900e-003	0.1037	0.0000	264.2567	264.2567	6.2700e-003	0.0000	264.4135

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3.13 Phase II - 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	0.5179					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	0.5402	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1131	0.0757	0.8023	2.8500e-003	0.3831	2.2200e-003	0.3853	0.1019	2.0400e-003	0.1039	0.0000	257.5717	257.5717	5.6800e-003	0.0000	257.7137
Total	0.1131	0.0757	0.8023	2.8500e-003	0.3831	2.2200e-003	0.3853	0.1019	2.0400e-003	0.1039	0.0000	257.5717	257.5717	5.6800e-003	0.0000	257.7137

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3.13 Phase II - Architectural Coating - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5179					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	0.5402	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1131	0.0757	0.8023	2.8500e-003	0.3831	2.2200e-003	0.3853	0.1019	2.0400e-003	0.1039	0.0000	257.5717	257.5717	5.6800e-003	0.0000	257.7137
Total	0.1131	0.0757	0.8023	2.8500e-003	0.3831	2.2200e-003	0.3853	0.1019	2.0400e-003	0.1039	0.0000	257.5717	257.5717	5.6800e-003	0.0000	257.7137

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3.13 Phase II - 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	0.5179					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	0.5350	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1044	0.0686	0.7451	2.7700e-003	0.3831	2.0600e-003	0.3852	0.1019	1.9000e-003	0.1038	0.0000	250.7593	250.7593	5.1300e-003	0.0000	250.8875
Total	0.1044	0.0686	0.7451	2.7700e-003	0.3831	2.0600e-003	0.3852	0.1019	1.9000e-003	0.1038	0.0000	250.7593	250.7593	5.1300e-003	0.0000	250.8875

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

3.13 Phase II - Architectural Coating - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5179					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	0.5350	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1044	0.0686	0.7451	2.7700e-003	0.3831	2.0600e-003	0.3852	0.1019	1.9000e-003	0.1038	0.0000	250.7593	250.7593	5.1300e-003	0.0000	250.8875
Total	0.1044	0.0686	0.7451	2.7700e-003	0.3831	2.0600e-003	0.3852	0.1019	1.9000e-003	0.1038	0.0000	250.7593	250.7593	5.1300e-003	0.0000	250.8875

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3.13 Phase II - 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	0.5179					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	0.5350	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0951	0.0619	0.6901	2.7000e-003	0.3831	1.9200e-003	0.3850	0.1019	1.7700e-003	0.1036	0.0000	244.7496	244.7496	4.6000e-003	0.0000	244.8647
Total	0.0951	0.0619	0.6901	2.7000e-003	0.3831	1.9200e-003	0.3850	0.1019	1.7700e-003	0.1036	0.0000	244.7496	244.7496	4.6000e-003	0.0000	244.8647

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3.13 Phase II - Architectural Coating - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5179					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	0.5350	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0951	0.0619	0.6901	2.7000e-003	0.3831	1.9200e-003	0.3850	0.1019	1.7700e-003	0.1036	0.0000	244.7496	244.7496	4.6000e-003	0.0000	244.8647
Total	0.0951	0.0619	0.6901	2.7000e-003	0.3831	1.9200e-003	0.3850	0.1019	1.7700e-003	0.1036	0.0000	244.7496	244.7496	4.6000e-003	0.0000	244.8647

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3.13 Phase II - 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	0.5199					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	0.5371	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0874	0.0563	0.6447	2.6600e-003	0.3846	1.8000e-003	0.3864	0.1023	1.6500e-003	0.1039	0.0000	240.4001	240.4001	4.1600e-003	0.0000	240.5041
Total	0.0874	0.0563	0.6447	2.6600e-003	0.3846	1.8000e-003	0.3864	0.1023	1.6500e-003	0.1039	0.0000	240.4001	240.4001	4.1600e-003	0.0000	240.5041

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3.13 Phase II - Architectural Coating - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5199					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	0.5371	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0874	0.0563	0.6447	2.6600e-003	0.3846	1.8000e-003	0.3864	0.1023	1.6500e-003	0.1039	0.0000	240.4001	240.4001	4.1600e-003	0.0000	240.5041
Total	0.0874	0.0563	0.6447	2.6600e-003	0.3846	1.8000e-003	0.3864	0.1023	1.6500e-003	0.1039	0.0000	240.4001	240.4001	4.1600e-003	0.0000	240.5041

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3.13 Phase II - 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	0.5160					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	0.5330	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0799	0.0510	0.5996	2.5800e-003	0.3816	1.6700e-003	0.3833	0.1015	1.5300e-003	0.1030	0.0000	233.9963	233.9963	3.7500e-003	0.0000	234.0899
Total	0.0799	0.0510	0.5996	2.5800e-003	0.3816	1.6700e-003	0.3833	0.1015	1.5300e-003	0.1030	0.0000	233.9963	233.9963	3.7500e-003	0.0000	234.0899

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3.13 Phase II - Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5160					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	0.5330	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0799	0.0510	0.5996	2.5800e-003	0.3816	1.6700e-003	0.3833	0.1015	1.5300e-003	0.1030	0.0000	233.9963	233.9963	3.7500e-003	0.0000	234.0899
Total	0.0799	0.0510	0.5996	2.5800e-003	0.3816	1.6700e-003	0.3833	0.1015	1.5300e-003	0.1030	0.0000	233.9963	233.9963	3.7500e-003	0.0000	234.0899

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3.13 Phase II - 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	0.5160					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	0.5330	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0742	0.0470	0.5623	2.5400e-003	0.3816	1.5600e-003	0.3832	0.1015	1.4400e-003	0.1029	0.0000	230.0144	230.0144	3.3900e-003	0.0000	230.0992
Total	0.0742	0.0470	0.5623	2.5400e-003	0.3816	1.5600e-003	0.3832	0.1015	1.4400e-003	0.1029	0.0000	230.0144	230.0144	3.3900e-003	0.0000	230.0992

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3.13 Phase II - Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5160					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	0.5330	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0742	0.0470	0.5623	2.5400e-003	0.3816	1.5600e-003	0.3832	0.1015	1.4400e-003	0.1029	0.0000	230.0144	230.0144	3.3900e-003	0.0000	230.0992
Total	0.0742	0.0470	0.5623	2.5400e-003	0.3816	1.5600e-003	0.3832	0.1015	1.4400e-003	0.1029	0.0000	230.0144	230.0144	3.3900e-003	0.0000	230.0992

4.0 Operational Detail - Mobile

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7308	11.8424	18.1908	0.0882	8.5317	0.0462	8.5779	2.2882	0.0430	2.3313	0.0000	8,166.3273	8,166.3273	0.3295	0.0000	8,174.5656
Unmitigated	1.7308	11.8424	18.1908	0.0882	8.5317	0.0462	8.5779	2.2882	0.0430	2.3313	0.0000	8,166.3273	8,166.3273	0.3295	0.0000	8,174.5656

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,400.00	1,200.00	948.00	5,822,427	5,822,427
Arena	240.25	240.25	240.25	466,551	466,551
City Park	62.50	62.50	62.50	133,428	133,428
Hotel	1,300.00	1,300.00	650.00	2,293,488	2,293,488
Manufacturing	25.00	25.00	12.50	67,774	67,774
Office Park	125.00	12.50	12.50	232,723	232,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	1,922.00	1,922.00	1922.00	2,279,813	2,279,813
Single Family Housing	3,540.00	3,540.00	3540.00	10,197,889	10,197,889
Strip Mall	808.50	808.50	808.50	1,245,117	1,245,117
Total	10,423.25	9,110.75	8,196.25	22,739,210	22,739,210

4.3 Trip Type Information

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Arena	9.50	7.30	7.30	0.00	81.00	19.00	66	28	6
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Office Park	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44
Single Family Housing	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Arena	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
City Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Hotel	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Manufacturing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Office Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Quality Restaurant	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Single Family Housing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Strip Mall	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,444.5204	1,444.5204	0.0660	0.0132	1,450.1075
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,444.5204	1,444.5204	0.0660	0.0132	1,450.1075
NaturalGas Mitigated	0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	2,573.0505	2,573.0505	0.0493	0.0472	2,588.3408
NaturalGas Unmitigated	0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	2,573.0505	2,573.0505	0.0493	0.0472	2,588.3408

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.18367e+006	0.0280	0.2389	0.1016	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.6204	276.6204	5.3000e-003	5.0700e-003	278.2642
Arena	983584	5.3000e-003	0.0482	0.0405	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003	0.0000	52.4878	52.4878	1.0100e-003	9.6000e-004	52.7997
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	7.84298e+006	0.0423	0.3845	0.3230	2.3100e-003		0.0292	0.0292		0.0292	0.0292	0.0000	418.5312	418.5312	8.0200e-003	7.6700e-003	421.0183
Manufacturing	511750	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3089	27.3089	5.2000e-004	5.0000e-004	27.4712
Office Park	370250	2.0000e-003	0.0182	0.0153	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	19.7580	19.7580	3.8000e-004	3.6000e-004	19.8754
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	9.11797e+006	0.0492	0.4470	0.3755	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.5695	486.5695	9.3300e-003	8.9200e-003	489.4609
Single Family Housing	2.41175e+007	0.1301	1.1113	0.4729	7.0900e-003		0.0899	0.0899		0.0899	0.0899	0.0000	1,287.0001	1,287.0001	0.0247	0.0236	1,294.6481
Strip Mall	89474	4.8000e-004	4.3900e-003	3.6800e-003	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	4.7747	4.7747	9.0000e-005	9.0000e-005	4.8031
Total		0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	2,573.0505	2,573.0505	0.0493	0.0472	2,588.3408

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.18367e+006	0.0280	0.2389	0.1016	1.5200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	276.6204	276.6204	5.3000e-003	5.0700e-003	278.2642
Arena	983584	5.3000e-003	0.0482	0.0405	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003	0.0000	52.4878	52.4878	1.0100e-003	9.6000e-004	52.7997
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	7.84298e+006	0.0423	0.3845	0.3230	2.3100e-003		0.0292	0.0292		0.0292	0.0292	0.0000	418.5312	418.5312	8.0200e-003	7.6700e-003	421.0183
Manufacturing	511750	2.7600e-003	0.0251	0.0211	1.5000e-004		1.9100e-003	1.9100e-003		1.9100e-003	1.9100e-003	0.0000	27.3089	27.3089	5.2000e-004	5.0000e-004	27.4712
Office Park	370250	2.0000e-003	0.0182	0.0153	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	19.7580	19.7580	3.8000e-004	3.6000e-004	19.8754
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	9.11797e+006	0.0492	0.4470	0.3755	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.5695	486.5695	9.3300e-003	8.9200e-003	489.4609
Single Family Housing	2.41175e+007	0.1301	1.1113	0.4729	7.0900e-003		0.0899	0.0899		0.0899	0.0899	0.0000	1,287.0001	1,287.0001	0.0247	0.0236	1,294.6481
Strip Mall	89474	4.8000e-004	4.3900e-003	3.6800e-003	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	4.7747	4.7747	9.0000e-005	9.0000e-005	4.8031
Total		0.2600	2.2774	1.3534	0.0142		0.1796	0.1796		0.1796	0.1796	0.0000	2,573.0505	2,573.0505	0.0493	0.0472	2,588.3408

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.14336e+006	212.6521	9.7200e-003	1.9400e-003	213.4746
Arena	375751	37.2799	1.7000e-003	3.4000e-004	37.4241
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	3.30802e+006	328.2027	0.0150	3.0000e-003	329.4721
Manufacturing	195500	19.3964	8.9000e-004	1.8000e-004	19.4714
Office Park	434250	43.0838	1.9700e-003	3.9000e-004	43.2504
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	1.49916e+006	148.7381	6.8000e-003	1.3600e-003	149.3133
Single Family Housing	6.07211e+006	602.4398	0.0275	5.5100e-003	604.7699
Strip Mall	531454	52.7278	2.4100e-003	4.8000e-004	52.9318
Total		1,444.5204	0.0660	0.0132	1,450.1075

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.14336e+006	212.6521	9.7200e-003	1.9400e-003	213.4746
Arena	375751	37.2799	1.7000e-003	3.4000e-004	37.4241
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	3.30802e+006	328.2027	0.0150	3.0000e-003	329.4721
Manufacturing	195500	19.3964	8.9000e-004	1.8000e-004	19.4714
Office Park	434250	43.0838	1.9700e-003	3.9000e-004	43.2504
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	1.49916e+006	148.7381	6.8000e-003	1.3600e-003	149.3133
Single Family Housing	6.07211e+006	602.4398	0.0275	5.5100e-003	604.7699
Strip Mall	531454	52.7278	2.4100e-003	4.8000e-004	52.9318
Total		1,444.5204	0.0660	0.0132	1,450.1075

6.0 Area Detail

6.1 Mitigation Measures Area

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260
Unmitigated	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.8687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2849					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4569	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260
Total	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.8687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.2849					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4569	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260
Total	13.6106	0.1761	15.2677	8.1000e-004		0.0850	0.0850		0.0850	0.0850	0.0000	25.0298	25.0298	0.0239	0.0000	25.6260

7.0 Water Detail

7.1 Mitigation Measures Water

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	132.9396	5.0047	0.1189	293.4756
Unmitigated	132.9396	5.0047	0.1189	293.4756

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Arena	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 5.35373	1.8591	8.0000e-005	2.0000e-005	1.8663
Hotel	15.64 / 0	13.3582	0.5100	0.0121	29.7174
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	2.19949 / 0	1.8786	0.0717	1.7000e-003	4.1792
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	120.972 / 0	103.3226	3.9449	0.0937	229.8575
Strip Mall	14.66 / 0	12.5211	0.4781	0.0114	27.8553
Total		132.9396	5.0047	0.1189	293.4756

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Arena	0 / 0	0.0000	0.0000	0.0000	0.0000
City Park	0 / 5.35373	1.8591	8.0000e-005	2.0000e-005	1.8663
Hotel	15.64 / 0	13.3582	0.5100	0.0121	29.7174
Manufacturing	0 / 0	0.0000	0.0000	0.0000	0.0000
Office Park	2.19949 / 0	1.8786	0.0717	1.7000e-003	4.1792
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	120.972 / 0	103.3226	3.9449	0.0937	229.8575
Strip Mall	14.66 / 0	12.5211	0.4781	0.0114	27.8553
Total		132.9396	5.0047	0.1189	293.4756

8.0 Waste Detail

8.1 Mitigation Measures Waste

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	732.3041	43.2779	0.0000	1,814.252 4
Unmitigated	732.3041	43.2779	0.0000	1,814.252 4

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	237.25	48.1596	2.8462	0.0000	119.3134
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Office Park	54.75	11.1138	0.6568	0.0000	27.5339
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3314.48	672.8095	39.7619	0.0000	1,666.8570
Strip Mall	1.09	0.2213	0.0131	0.0000	0.5482
Total		732.3041	43.2779	0.0000	1,814.2524

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	0	0.0000	0.0000	0.0000	0.0000
Arena	0	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	237.25	48.1596	2.8462	0.0000	119.3134
Manufacturing	0	0.0000	0.0000	0.0000	0.0000
Office Park	54.75	11.1138	0.6568	0.0000	27.5339
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3314.48	672.8095	39.7619	0.0000	1,666.8570
Strip Mall	1.09	0.2213	0.0131	0.0000	0.5482
Total		732.3041	43.2779	0.0000	1,814.2524

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Annual

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

Campus Town Specific Plan
Monterey Bay Unified APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.00	1000sqft	0.57	25,000.00	0
Manufacturing	25.00	1000sqft	0.57	25,000.00	0
Other Asphalt Surfaces	32.30	Acre	32.30	1,406,988.00	0
Arena	48.05	1000sqft	1.10	48,050.00	0
City Park	12.50	Acre	12.50	544,500.00	0
Hotel	325.00	Room	2.40	471,900.00	0
Quality Restaurant	48.05	1000sqft	1.10	48,050.00	0
Apartments Mid Rise	600.00	Dwelling Unit	11.90	600,000.00	1980
Single Family Housing	885.00	Dwelling Unit	88.55	1,593,000.00	2920
Strip Mall	53.90	1000sqft	1.24	53,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	218.73	CH4 Intensity (lb/MW hr)	0.01	N2O Intensity (lb/MW hr)	0.002

1.3 User Entered Comments & Non-Default Data

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

Project Characteristics - Linear interpolation of 2030 and 2045 RPS targets.

Land Use - Based on PD/SP. Pop based on Seaside household size of 3.3 persons.

Construction Phase - Based on applicant-provided schedule.

Trips and VMT -

Demolition -

Grading - Based on PD. Reduced Phase II by 7,000 cy for soil transfer between sites to avoid double counting.

Architectural Coating - Compliance with MBARD Rule 426. Split sf equally between two phases.

Vehicle Trips - Adjusted to match TJKM VMT.

Woodstoves - No wood-burning fireplaces as part of project.

Energy Use - Reduced lighting 75% for Title 24. Reduced SFR energy intensity by 7% and commercial by 30% for Title 24.

Water And Wastewater - Based on WSA. All residential water use allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office. All irrigation allocated to city park.

Solid Waste - Match CalRecycle rates in Section 4.16. All residential allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office.

Construction Off-road Equipment Mitigation - Per applicant info.

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,210.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,209.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,137.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,138.00

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tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,412.00
tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,413.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblConstructionPhase	NumDays	220.00	2,195.00
tblConstructionPhase	NumDays	220.00	762.00
tblConstructionPhase	NumDays	3,100.00	2,240.00
tblConstructionPhase	NumDays	3,100.00	805.00
tblConstructionPhase	NumDays	200.00	174.00
tblConstructionPhase	NumDays	200.00	150.00
tblConstructionPhase	NumDays	310.00	174.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	45.00
tblConstructionPhase	NumDays	120.00	173.00
tblConstructionPhase	NumDays	120.00	805.00
tblEnergyUse	LightingElect	741.44	185.36
tblEnergyUse	LightingElect	1,608.84	402.21
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	1.48	1.04

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tblEnergyUse	T24E	7.28	5.10
tblEnergyUse	T24E	5.07	3.55
tblEnergyUse	T24E	325.76	302.96
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	11.87
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	21.04	14.73
tblEnergyUse	T24NG	60.41	42.29
tblEnergyUse	T24NG	25,910.09	24,096.38
tblEnergyUse	T24NG	2.37	1.66
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,508.00	0.00
tblFireplaces	NumberGas	486.75	885.00
tblFireplaces	NumberNoFireplace	88.50	0.00
tblFireplaces	NumberWood	309.75	0.00
tblGrading	MaterialExported	0.00	55,000.00
tblGrading	MaterialImported	0.00	35,000.00
tblLandUse	LotAcreage	15.44	1.10
tblLandUse	LotAcreage	10.83	2.40
tblLandUse	LotAcreage	15.79	11.90
tblLandUse	LotAcreage	287.34	88.55
tblLandUse	Population	1,716.00	1,980.00
tblLandUse	Population	2,531.00	2,920.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.01
tblProjectCharacteristics	CO2IntensityFactor	641.35	218.73

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tblProjectCharacteristics	N2OIntensityFactor	0.006	0.002
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1.32	0.00
tblSolidWaste	SolidWasteGenerationRate	1.07	0.00
tblSolidWaste	SolidWasteGenerationRate	177.94	237.25
tblSolidWaste	SolidWasteGenerationRate	31.00	0.00
tblSolidWaste	SolidWasteGenerationRate	23.25	54.75
tblSolidWaste	SolidWasteGenerationRate	43.85	0.00
tblSolidWaste	SolidWasteGenerationRate	1,284.80	3,314.48
tblSolidWaste	SolidWasteGenerationRate	56.59	1.09
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	ST_TR	6.39	2.00
tblVehicleTrips	ST_TR	10.71	5.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	8.19	4.00
tblVehicleTrips	ST_TR	1.49	1.00
tblVehicleTrips	ST_TR	1.64	0.50
tblVehicleTrips	ST_TR	94.36	40.00
tblVehicleTrips	ST_TR	9.91	4.00
tblVehicleTrips	ST_TR	42.04	15.00
tblVehicleTrips	SU_TR	5.86	1.58
tblVehicleTrips	SU_TR	10.71	5.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	5.95	2.00

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tblVehicleTrips	SU_TR	0.62	0.50
tblVehicleTrips	SU_TR	0.76	0.50
tblVehicleTrips	SU_TR	72.16	40.00
tblVehicleTrips	SU_TR	8.62	4.00
tblVehicleTrips	SU_TR	20.43	15.00
tblVehicleTrips	WD_TR	6.65	4.00
tblVehicleTrips	WD_TR	10.71	5.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	8.17	4.00
tblVehicleTrips	WD_TR	3.82	1.00
tblVehicleTrips	WD_TR	11.42	5.00
tblVehicleTrips	WD_TR	89.95	40.00
tblVehicleTrips	WD_TR	9.52	4.00
tblVehicleTrips	WD_TR	44.32	15.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	20,698,504.15	0.00
tblWater	IndoorWaterUseRate	8,244,200.25	15,640,000.00
tblWater	IndoorWaterUseRate	5,781,250.00	0.00
tblWater	IndoorWaterUseRate	4,443,343.70	2,199,494.00
tblWater	IndoorWaterUseRate	14,584,794.88	0.00
tblWater	IndoorWaterUseRate	57,661,312.67	120,972,163.00
tblWater	IndoorWaterUseRate	3,992,508.91	14,660,000.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	1,321,181.12	0.00
tblWater	OutdoorWaterUseRate	14,893,516.87	5,353,731.00
tblWater	OutdoorWaterUseRate	916,022.25	0.00
tblWater	OutdoorWaterUseRate	2,723,339.69	0.00

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

tblWater	OutdoorWaterUseRate	930,944.35	0.00
tblWater	OutdoorWaterUseRate	36,351,697.12	0.00
tblWater	OutdoorWaterUseRate	2,447,021.59	0.00
tblWoodstoves	NumberCatalytic	44.25	0.00
tblWoodstoves	NumberNoncatalytic	44.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,120.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	7.8254	88.6260	55.6820	0.1348	18.2141	3.5793	20.2598	9.9699	3.3083	11.8519	0.0000	13,327.21 63	13,327.21 63	3.1503	0.0000	13,405.97 37
2022	31.1486	160.1971	154.3508	0.4887	32.5761	4.1215	36.6975	9.9787	3.8351	13.8138	0.0000	49,252.15 57	49,252.15 57	5.3060	0.0000	49,384.80 44
2023	29.1149	136.4088	143.4078	0.4788	40.3898	3.4222	42.6424	15.9422	3.1826	18.0379	0.0000	48,254.52 19	48,254.52 19	4.9905	0.0000	48,379.28 50
2024	25.2024	98.9353	105.9879	0.3838	40.3900	2.1100	42.5000	15.9422	1.9615	17.9038	0.0000	38,838.35 43	38,838.35 43	3.0317	0.0000	38,914.14 55
2025	24.3530	94.2965	100.0769	0.3763	40.3901	1.8645	42.2546	15.9423	1.7330	17.6753	0.0000	38,094.85 08	38,094.85 08	2.9746	0.0000	38,169.21 47
2026	13.8898	74.2584	82.1527	0.3301	22.1761	1.1150	22.9441	9.9699	1.0391	10.9707	0.0000	33,595.02 50	33,595.02 50	2.3620	0.0000	33,638.16 49
2027	13.4488	66.3806	72.9517	0.3243	22.1761	0.7574	22.9335	5.9725	0.7140	6.6865	0.0000	33,021.54 95	33,021.54 95	1.6804	0.0000	33,063.55 96
2028	13.0014	65.3203	69.4286	0.3192	22.1762	0.7463	22.9225	5.9725	0.7037	6.6762	0.0000	32,518.45 62	32,518.45 62	1.6384	0.0000	32,559.41 55
2029	12.5251	64.3460	66.0375	0.3147	22.1762	0.7362	22.9124	5.9725	0.6943	6.6668	0.0000	32,072.47 32	32,072.47 32	1.5991	0.0000	32,112.449 8
2030	11.9626	58.6622	63.1116	0.3148	22.1763	0.3162	22.4925	5.9725	0.3063	6.2788	0.0000	32,025.66 22	32,025.66 22	1.0734	0.0000	32,052.49 79
2031	11.4703	57.8856	60.2575	0.3115	22.1763	0.3076	22.4840	5.9725	0.2983	6.2709	0.0000	31,690.113 1	31,690.113 1	1.0407	0.0000	31,716.13 01
2032	11.0410	57.2106	57.8054	0.3086	22.1764	0.2999	22.4763	5.9725	0.2911	6.2637	0.0000	31,404.52 08	31,404.52 08	1.0125	0.0000	31,429.83 31
2033	10.6807	56.6372	55.7437	0.3061	22.1764	0.2930	22.4694	5.9726	0.2847	6.2573	0.0000	31,160.97 35	31,160.97 35	0.9891	0.0000	31,185.70 18
2034	10.3767	56.1453	53.8322	0.3040	22.1764	0.2867	22.4631	5.9726	0.2788	6.2514	0.0000	30,953.78 69	30,953.78 69	0.9673	0.0000	30,977.96 91
Maximum	31.1486	160.1971	154.3508	0.4887	40.3901	4.1215	42.6424	15.9423	3.8351	18.0379	0.0000	49,252.15 57	49,252.15 57	5.3060	0.0000	49,384.80 44

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

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	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Energy	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
Mobile	9.8903	68.8731	111.7178	0.5076	51.2561	0.2699	51.5259	13.7109	0.2512	13.9621		51,786.6951	51,786.6951	2.1930		51,841.5199
Total	87.0452	82.7611	241.2754	0.5917	51.2561	1.9338	53.1898	13.7109	1.9151	15.6260	0.0000	67,548.8043	67,548.8043	2.7012	0.2849	67,701.2417

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	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Energy	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
Mobile	9.8903	68.8731	111.7178	0.5076	51.2561	0.2699	51.5259	13.7109	0.2512	13.9621		51,786.6951	51,786.6951	2.1930		51,841.5199
Total	87.0452	82.7611	241.2754	0.5917	51.2561	1.9338	53.1898	13.7109	1.9151	15.6260	0.0000	67,548.8043	67,548.8043	2.7012	0.2849	67,701.2417

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Phase I - Demolition	Demolition	4/1/2021	11/30/2021	5	174	
2	Phase I - Grading	Grading	4/1/2021	11/30/2021	5	174	
3	Phase I - Drainage/Utilities	Site Preparation	12/1/2021	7/29/2022	5	173	
4	Phase I - Paving	Paving	8/1/2022	9/30/2022	5	45	
5	Phase II - Demolition	Demolition	10/3/2022	4/28/2023	5	150	
6	Phase II - Grading	Grading	10/3/2022	4/28/2023	5	150	
7	Phase I - Building Construction	Building Construction	10/3/2022	10/31/2025	5	805	
8	Phase I - Architectural Coating	Architectural Coating	12/1/2022	10/31/2025	5	762	
9	Phase II - Drainage/Utilities	Site Preparation	5/1/2023	5/29/2026	5	805	
10	Phase II - Building Construction	Building Construction	6/1/2026	12/29/2034	5	2240	
11	Phase II - Paving	Paving	6/1/2026	6/30/2026	5	22	
12	Phase II - Architectural Coating	Architectural Coating	8/3/2026	12/29/2034	5	2195	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 32.3

Residential Indoor: 2,220,413; Residential Outdoor: 740,138; Non-Residential Indoor: 503,925; Non-Residential Outdoor: 167,975; Striped Parking Area: 42,209 (Architectural Coating – sqft)

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

OffRoad Equipment

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

Phase I - Building Construction	Welders	1	8.00	46	0.45
Phase I - Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase II - Drainage/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Phase II - Drainage/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase II - Building Construction	Cranes	1	7.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase II - Paving	Pavers	2	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

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
Phase I - Demolition	6	15.00	0.00	20.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading	8	20.00	0.00	6,875.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Drainage/ Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Demolition	6	15.00	0.00	229.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	8	20.00	0.00	4,375.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Drainage/ Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.2 Phase I - Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0254	0.0000	0.0254	3.8400e-003	0.0000	3.8400e-003			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.0254	1.5513	1.5767	3.8400e-003	1.4411	1.4449		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.1000e-004	0.0309	5.9800e-003	9.0000e-005	2.0100e-003	1.2000e-004	2.1300e-003	5.5000e-004	1.1000e-004	6.6000e-004		9.5647	9.5647	4.1000e-004		9.5750
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839
Total	0.0672	0.0893	0.5109	1.2700e-003	0.1252	1.1100e-003	0.1264	0.0332	1.0300e-003	0.0343		127.3343	127.3343	4.9800e-003		127.4589

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.2 Phase I - Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0114	0.0000	0.0114	1.7300e-003	0.0000	1.7300e-003			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.0114	1.5513	1.5628	1.7300e-003	1.4411	1.4428	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.1000e-004	0.0309	5.9800e-003	9.0000e-005	2.0100e-003	1.2000e-004	2.1300e-003	5.5000e-004	1.1000e-004	6.6000e-004		9.5647	9.5647	4.1000e-004		9.5750
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839
Total	0.0672	0.0893	0.5109	1.2700e-003	0.1252	1.1100e-003	0.1264	0.0332	1.0300e-003	0.0343		127.3343	127.3343	4.9800e-003		127.4589

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.3 Phase I - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7223	0.0000	8.7223	3.6039	0.0000	3.6039			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	8.7223	1.9853	10.7076	3.6039	1.8265	5.4304		6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3136	10.6183	2.0545	0.0312	0.6906	0.0402	0.7308	0.1893	0.0385	0.2278		3,287.867 6	3,287.867 6	0.1415		3,291.405 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0884	0.0778	0.6732	1.5800e-003	0.1643	1.3300e-003	0.1656	0.0436	1.2200e-003	0.0448		157.0261	157.0261	6.1000e-003		157.1786
Total	0.4020	10.6962	2.7277	0.0327	0.8549	0.0416	0.8964	0.2329	0.0397	0.2726		3,444.893 7	3,444.893 7	0.1476		3,448.584 0

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.3 Phase I - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9250	0.0000	3.9250	1.6218	0.0000	1.6218			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9250	1.9853	5.9104	1.6218	1.8265	3.4483	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3136	10.6183	2.0545	0.0312	0.6906	0.0402	0.7308	0.1893	0.0385	0.2278		3,287.867 6	3,287.867 6	0.1415		3,291.405 4
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0884	0.0778	0.6732	1.5800e-003	0.1643	1.3300e-003	0.1656	0.0436	1.2200e-003	0.0448		157.0261	157.0261	6.1000e-003		157.1786
Total	0.4020	10.6962	2.7277	0.0327	0.8549	0.0416	0.8964	0.2329	0.0397	0.2726		3,444.893 7	3,444.893 7	0.1476		3,448.584 0

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.4 Phase I - Drainage/Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0796	0.0701	0.6059	1.4200e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		141.3235	141.3235	5.4900e-003		141.4607
Total	0.0796	0.0701	0.6059	1.4200e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		141.3235	141.3235	5.4900e-003		141.4607

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.4 Phase I - Drainage/Utilities - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	8.1298	2.0445	10.1743	4.4688	1.8809	6.3497	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0796	0.0701	0.6059	1.4200e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		141.3235	141.3235	5.4900e-003		141.4607
Total	0.0796	0.0701	0.6059	1.4200e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		141.3235	141.3235	5.4900e-003		141.4607

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.4 Phase I - Drainage/Utilities - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0739	0.0627	0.5517	1.3700e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		136.3403	136.3403	4.9000e-003		136.4627
Total	0.0739	0.0627	0.5517	1.3700e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		136.3403	136.3403	4.9000e-003		136.4627

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.4 Phase I - Drainage/Utilities - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	8.1298	1.6126	9.7424	4.4688	1.4836	5.9524	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0739	0.0627	0.5517	1.3700e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		136.3403	136.3403	4.9000e-003		136.4627
Total	0.0739	0.0627	0.5517	1.3700e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		136.3403	136.3403	4.9000e-003		136.4627

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.5 Phase I - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.8806					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9834	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.5 Phase I - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.8806					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9834	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.6 Phase II - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3365	0.0000	0.3365	0.0510	0.0000	0.0510			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.781 2	3,746.781 2	1.0524		3,773.092 0
Total	2.6392	25.7194	20.5941	0.0388	0.3365	1.2427	1.5791	0.0510	1.1553	1.2062		3,746.781 2	3,746.781 2	1.0524		3,773.092 0

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.3746	0.0756	1.1900e-003	0.0531	1.3300e-003	0.0544	0.0138	1.2700e-003	0.0151		125.4403	125.4403	5.3900e-003		125.5751
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0729	0.4268	0.5354	2.3300e-003	0.1763	2.2900e-003	0.1786	0.0465	2.1500e-003	0.0486		239.0573	239.0573	9.4700e-003		239.2940

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.6 Phase II - Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1514	0.0000	0.1514	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
Total	2.6392	25.7194	20.5941	0.0388	0.1514	1.2427	1.3941	0.0229	1.1553	1.1782	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0113	0.3746	0.0756	1.1900e-003	0.0531	1.3300e-003	0.0544	0.0138	1.2700e-003	0.0151		125.4403	125.4403	5.3900e-003		125.5751
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0729	0.4268	0.5354	2.3300e-003	0.1763	2.2900e-003	0.1786	0.0465	2.1500e-003	0.0486		239.0573	239.0573	9.4700e-003		239.2940

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.6 Phase II - Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3365	0.0000	0.3365	0.0510	0.0000	0.0510			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	0.3365	0.9975	1.3340	0.0510	0.9280	0.9789		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	8.2600e-003	0.2822	0.0652	1.1600e-003	0.0421	6.3000e-004	0.0428	0.0111	6.0000e-004	0.0117		122.3725	122.3725	4.2800e-003		122.4794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0468	0.4184	1.1000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.6000e-004	0.0335		109.3995	109.3995	3.6300e-003		109.4903
Total	0.0656	0.3290	0.4836	2.2600e-003	0.1653	1.5600e-003	0.1669	0.0438	1.4600e-003	0.0452		231.7720	231.7720	7.9100e-003		231.9697

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.6 Phase II - 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					0.1514	0.0000	0.1514	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.1514	0.9975	1.1489	0.0229	0.9280	0.9509	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	8.2600e-003	0.2822	0.0652	1.1600e-003	0.0421	6.3000e-004	0.0428	0.0111	6.0000e-004	0.0117		122.3725	122.3725	4.2800e-003		122.4794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0468	0.4184	1.1000e-003	0.1232	9.3000e-004	0.1242	0.0327	8.6000e-004	0.0335		109.3995	109.3995	3.6300e-003		109.4903
Total	0.0656	0.3290	0.4836	2.2600e-003	0.1653	1.5600e-003	0.1669	0.0438	1.4600e-003	0.0452		231.7720	231.7720	7.9100e-003		231.9697

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.7 Phase II - Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7094	0.0000	8.7094	3.6020	0.0000	3.6020			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.7094	1.6349	10.3443	3.6020	1.5041	5.1061		6,011.4105	6,011.4105	1.9442		6,060.0158

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2163	7.1562	1.4442	0.0227	1.0141	0.0254	1.0395	0.2635	0.0243	0.2878		2,396.5130	2,396.5130	0.1030		2,399.0868
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0821	0.0697	0.6130	1.5200e-003	0.1643	1.2800e-003	0.1656	0.0436	1.1800e-003	0.0448		151.4893	151.4893	5.4400e-003		151.6252
Total	0.2984	7.2259	2.0572	0.0242	1.1784	0.0267	1.2051	0.3071	0.0255	0.3325		2,548.0022	2,548.0022	0.1084		2,550.7121

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.7 Phase II - Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9193	0.0000	3.9193	1.6209	0.0000	1.6209			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	3.9193	1.6349	5.5541	1.6209	1.5041	3.1250	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2163	7.1562	1.4442	0.0227	1.0141	0.0254	1.0395	0.2635	0.0243	0.2878		2,396.5130	2,396.5130	0.1030		2,399.0868
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0821	0.0697	0.6130	1.5200e-003	0.1643	1.2800e-003	0.1656	0.0436	1.1800e-003	0.0448		151.4893	151.4893	5.4400e-003		151.6252
Total	0.2984	7.2259	2.0572	0.0242	1.1784	0.0267	1.2051	0.3071	0.0255	0.3325		2,548.0022	2,548.0022	0.1084		2,550.7121

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.7 Phase II - 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					8.7094	0.0000	8.7094	3.6020	0.0000	3.6020			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	8.7094	1.4245	10.1339	3.6020	1.3105	4.9125		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	0.1578	5.3912	1.2446	0.0221	0.8048	0.0120	0.8167	0.2121	0.0115	0.2236		2,337.9026	2,337.9026	0.0817		2,339.9454
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.0625	0.5579	1.4700e-003	0.1643	1.2400e-003	0.1655	0.0436	1.1400e-003	0.0447		145.8660	145.8660	4.8400e-003		145.9870
Total	0.2343	5.4537	1.8026	0.0236	0.9691	0.0132	0.9823	0.2557	0.0126	0.2683		2,483.7685	2,483.7685	0.0866		2,485.9324

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.7 Phase II - 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					3.9193	0.0000	3.9193	1.6209	0.0000	1.6209			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	3.9193	1.4245	5.3437	1.6209	1.3105	2.9314	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	0.1578	5.3912	1.2446	0.0221	0.8048	0.0120	0.8167	0.2121	0.0115	0.2236		2,337.9026	2,337.9026	0.0817		2,339.9454
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.0625	0.5579	1.4700e-003	0.1643	1.2400e-003	0.1655	0.0436	1.1400e-003	0.0447		145.8660	145.8660	4.8400e-003		145.9870
Total	0.2343	5.4537	1.8026	0.0236	0.9691	0.0132	0.9823	0.2557	0.0126	0.2683		2,483.7685	2,483.7685	0.0866		2,485.9324

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0775	63.2419	16.0833	0.1629	3.9880	0.1826	4.1706	1.1480	0.1746	1.3227		17,101.2631	17,101.2631	0.9590		17,125.2376
Worker	7.5770	6.4296	56.5520	0.1404	15.1562	0.1180	15.2743	4.0201	0.1089	4.1290		13,974.8831	13,974.8831	0.5018		13,987.4288
Total	9.6545	69.6715	72.6353	0.3033	19.1442	0.3006	19.4449	5.1682	0.2835	5.4517		31,076.1462	31,076.1462	1.4608		31,112.6664

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0775	63.2419	16.0833	0.1629	3.9880	0.1826	4.1706	1.1480	0.1746	1.3227		17,101.2631	17,101.2631	0.9590		17,125.2376
Worker	7.5770	6.4296	56.5520	0.1404	15.1562	0.1180	15.2743	4.0201	0.1089	4.1290		13,974.8831	13,974.8831	0.5018		13,987.4288
Total	9.6545	69.6715	72.6353	0.3033	19.1442	0.3006	19.4449	5.1682	0.2835	5.4517		31,076.1462	31,076.1462	1.4608		31,112.6664

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.5622	52.0242	13.6097	0.1599	3.9882	0.0776	4.0658	1.1481	0.0742	1.2223		16,796.5004	16,796.5004	0.7417		16,815.0428
Worker	7.0541	5.7617	51.4686	0.1352	15.1562	0.1144	15.2706	4.0201	0.1055	4.1256		13,456.1345	13,456.1345	0.4467		13,467.3026
Total	8.6163	57.7859	65.0783	0.2951	19.1444	0.1920	19.3364	5.1682	0.1797	5.3479		30,252.6349	30,252.6349	1.1884		30,282.3455

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.5622	52.0242	13.6097	0.1599	3.9882	0.0776	4.0658	1.1481	0.0742	1.2223		16,796.5004	16,796.5004	0.7417		16,815.0428
Worker	7.0541	5.7617	51.4686	0.1352	15.1562	0.1144	15.2706	4.0201	0.1055	4.1256		13,456.1345	13,456.1345	0.4467		13,467.3026
Total	8.6163	57.7859	65.0783	0.2951	19.1444	0.1920	19.3364	5.1682	0.1797	5.3479		30,252.6349	30,252.6349	1.1884		30,282.3455

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.4777	50.8317	12.6194	0.1586	3.9883	0.0721	4.0604	1.1482	0.0689	1.2171		16,662.2023	16,662.2023	0.7359		16,680.6002
Worker	6.5954	5.1788	47.1632	0.1299	15.1562	0.1110	15.2673	4.0201	0.1023	4.1225		12,937.3146	12,937.3146	0.3991		12,947.2908
Total	8.0731	56.0105	59.7826	0.2885	19.1446	0.1831	19.3277	5.1683	0.1713	5.3396		29,599.5168	29,599.5168	1.1350		29,627.8910

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.4777	50.8317	12.6194	0.1586	3.9883	0.0721	4.0604	1.1482	0.0689	1.2171		16,662.2023	16,662.2023	0.7359		16,680.6002
Worker	6.5954	5.1788	47.1632	0.1299	15.1562	0.1110	15.2673	4.0201	0.1023	4.1225		12,937.3146	12,937.3146	0.3991		12,947.2908
Total	8.0731	56.0105	59.7826	0.2885	19.1446	0.1831	19.3277	5.1683	0.1713	5.3396		29,599.5168	29,599.5168	1.1350		29,627.8910

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.4055	49.7837	11.7988	0.1574	3.9885	0.0672	4.0557	1.1482	0.0643	1.2125		16,538.22 90	16,538.22 90	0.7304		16,556.48 81
Worker	6.2029	4.6818	43.3744	0.1247	15.1562	0.1086	15.2649	4.0201	0.1001	4.1202		12,423.65 77	12,423.65 77	0.3594		12,432.64 22
Total	7.6083	54.4654	55.1732	0.2821	19.1447	0.1759	19.3206	5.1684	0.1644	5.3327		28,961.88 67	28,961.88 67	1.0897		28,989.13 02

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.8 Phase I - 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
Vendor	1.4055	49.7837	11.7988	0.1574	3.9885	0.0672	4.0557	1.1482	0.0643	1.2125		16,538.22 90	16,538.22 90	0.7304		16,556.48 81
Worker	6.2029	4.6818	43.3744	0.1247	15.1562	0.1086	15.2649	4.0201	0.1001	4.1202		12,423.65 77	12,423.65 77	0.3594		12,432.64 22
Total	7.6083	54.4654	55.1732	0.2821	19.1447	0.1759	19.3206	5.1684	0.1644	5.3327		28,961.88 67	28,961.88 67	1.0897		28,989.13 02

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	11.6372	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5154	1.2859	11.3104	0.0281	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,794.9766	2,794.9766	0.1004		2,797.4858
Total	1.5154	1.2859	11.3104	0.0281	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,794.9766	2,794.9766	0.1004		2,797.4858

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	11.6372	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5154	1.2859	11.3104	0.0281	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,794.9766	2,794.9766	0.1004		2,797.4858
Total	1.5154	1.2859	11.3104	0.0281	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,794.9766	2,794.9766	0.1004		2,797.4858

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	11.6243	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4108	1.1523	10.2937	0.0270	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,691.2269	2,691.2269	0.0894		2,693.4605
Total	1.4108	1.1523	10.2937	0.0270	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,691.2269	2,691.2269	0.0894		2,693.4605

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	11.6243	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4108	1.1523	10.2937	0.0270	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,691.2269	2,691.2269	0.0894		2,693.4605
Total	1.4108	1.1523	10.2937	0.0270	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,691.2269	2,691.2269	0.0894		2,693.4605

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	11.6134	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3191	1.0358	9.4326	0.0260	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,587.4629	2,587.4629	0.0798		2,589.4582
Total	1.3191	1.0358	9.4326	0.0260	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,587.4629	2,587.4629	0.0798		2,589.4582

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	11.6134	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3191	1.0358	9.4326	0.0260	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,587.4629	2,587.4629	0.0798		2,589.4582
Total	1.3191	1.0358	9.4326	0.0260	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,587.4629	2,587.4629	0.0798		2,589.4582

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - 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	11.4326					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	11.6035	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2406	0.9364	8.6749	0.0249	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,484.7315	2,484.7315	0.0719		2,486.5284
Total	1.2406	0.9364	8.6749	0.0249	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,484.7315	2,484.7315	0.0719		2,486.5284

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.9 Phase I - 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	11.4326					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	11.6035	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2406	0.9364	8.6749	0.0249	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,484.7315	2,484.7315	0.0719		2,486.5284
Total	1.2406	0.9364	8.6749	0.0249	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,484.7315	2,484.7315	0.0719		2,486.5284

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0688	0.0562	0.5021	1.3200e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		131.2794	131.2794	4.3600e-003		131.3883
Total	0.0688	0.0562	0.5021	1.3200e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		131.2794	131.2794	4.3600e-003		131.3883

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 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					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	8.1298	1.2660	9.3958	4.4688	1.1647	5.6336	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0688	0.0562	0.5021	1.3200e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		131.2794	131.2794	4.3600e-003		131.3883
Total	0.0688	0.0562	0.5021	1.3200e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		131.2794	131.2794	4.3600e-003		131.3883

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.0100	3,688.0100	1.1928		3,717.8294

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0644	0.0505	0.4601	1.2700e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		126.2177	126.2177	3.8900e-003		126.3150
Total	0.0644	0.0505	0.4601	1.2700e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		126.2177	126.2177	3.8900e-003		126.3150

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	8.1298	1.2294	9.3592	4.4688	1.1310	5.5998	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0644	0.0505	0.4601	1.2700e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		126.2177	126.2177	3.8900e-003		126.3150
Total	0.0644	0.0505	0.4601	1.2700e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		126.2177	126.2177	3.8900e-003		126.3150

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0605	0.0457	0.4232	1.2200e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		121.2064	121.2064	3.5100e-003		121.2941
Total	0.0605	0.0457	0.4232	1.2200e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		121.2064	121.2064	3.5100e-003		121.2941

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	8.1298	1.0868	9.2166	4.4688	0.9999	5.4687	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0605	0.0457	0.4232	1.2200e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		121.2064	121.2064	3.5100e-003		121.2941
Total	0.0605	0.0457	0.4232	1.2200e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		121.2064	121.2064	3.5100e-003		121.2941

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0415	0.3895	1.1700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		116.3525	116.3525	3.1500e-003		116.4313
Total	0.0572	0.0415	0.3895	1.1700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		116.3525	116.3525	3.1500e-003		116.4313

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.10 Phase II - Drainage/Utilities - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	8.1298	1.0868	9.2166	4.4688	0.9999	5.4687	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0572	0.0415	0.3895	1.1700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		116.3525	116.3525	3.1500e-003		116.4313
Total	0.0572	0.0415	0.3895	1.1700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		116.3525	116.3525	3.1500e-003		116.4313

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.3528	48.9239	11.2395	0.1565	3.9886	0.0637	4.0523	1.1483	0.0609	1.2091		16,445.74 54	16,445.74 54	0.7218		16,463.78 99
Worker	5.8582	4.2487	39.9260	0.1197	15.1562	0.1044	15.2606	4.0201	0.0961	4.1163		11,926.131 0	11,926.131 0	0.3229		11,934.204 2
Total	7.2110	53.1726	51.1655	0.2762	19.1448	0.1681	19.3129	5.1684	0.1570	5.3254		28,371.87 64	28,371.87 64	1.0447		28,397.99 41

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.3528	48.9239	11.2395	0.1565	3.9886	0.0637	4.0523	1.1483	0.0609	1.2091		16,445.74 54	16,445.74 54	0.7218		16,463.78 99
Worker	5.8582	4.2487	39.9260	0.1197	15.1562	0.1044	15.2606	4.0201	0.0961	4.1163		11,926.131 0	11,926.131 0	0.3229		11,934.204 2
Total	7.2110	53.1726	51.1655	0.2762	19.1448	0.1681	19.3129	5.1684	0.1570	5.3254		28,371.87 64	28,371.87 64	1.0447		28,397.99 41

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.3077	48.1350	10.7588	0.1557	3.9887	0.0604	4.0490	1.1483	0.0577	1.2060		16,365.21 52	16,365.21 52	0.7142		16,383.06 98
Worker	5.5283	3.8587	36.9159	0.1155	15.1562	0.0983	15.2545	4.0201	0.0904	4.1106		11,515.343 3	11,515.343 3	0.2916		11,522.633 2
Total	6.8360	51.9937	47.6747	0.2713	19.1449	0.1586	19.3035	5.1684	0.1482	5.3166		27,880.55 85	27,880.55 85	1.0058		27,905.70 30

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.3077	48.1350	10.7588	0.1557	3.9887	0.0604	4.0490	1.1483	0.0577	1.2060		16,365.21 52	16,365.21 52	0.7142		16,383.06 98
Worker	5.5283	3.8587	36.9159	0.1155	15.1562	0.0983	15.2545	4.0201	0.0904	4.1106		11,515.34 33	11,515.34 33	0.2916		11,522.633 2
Total	6.8360	51.9937	47.6747	0.2713	19.1449	0.1586	19.3035	5.1684	0.1482	5.3166		27,880.55 85	27,880.55 85	1.0058		27,905.70 30

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2701	47.4892	10.3935	0.1551	3.9887	0.0576	4.0463	1.1483	0.0550	1.2033		16,299.70 13	16,299.70 13	0.7044		16,317.30 99
Worker	5.1868	3.5132	34.2844	0.1119	15.1562	0.0914	15.2477	4.0201	0.0841	4.1043		11,150.693 7	11,150.693 7	0.2648		11,157.313 0
Total	6.4569	51.0024	44.6779	0.2669	19.1449	0.1490	19.2939	5.1684	0.1391	5.3076		27,450.39 50	27,450.39 50	0.9691		27,474.62 29

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2701	47.4892	10.3935	0.1551	3.9887	0.0576	4.0463	1.1483	0.0550	1.2033		16,299.70 13	16,299.70 13	0.7044		16,317.30 99
Worker	5.1868	3.5132	34.2844	0.1119	15.1562	0.0914	15.2477	4.0201	0.0841	4.1043		11,150.693 7	11,150.69 37	0.2648		11,157.313 0
Total	6.4569	51.0024	44.6779	0.2669	19.1449	0.1490	19.2939	5.1684	0.1391	5.3076		27,450.39 50	27,450.39 50	0.9691		27,474.62 29

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2373	46.9031	10.0675	0.1545	3.9888	0.0550	4.0438	1.1483	0.0526	1.2009		16,242.34 40	16,242.34 40	0.6964		16,259.75 47
Worker	4.8173	3.1898	31.7301	0.1086	15.1562	0.0851	15.2413	4.0201	0.0783	4.0984		10,826.83 90	10,826.83 90	0.2386		10,832.80 43
Total	6.0545	50.0928	41.7977	0.2631	19.1450	0.1401	19.2851	5.1685	0.1309	5.2993		27,069.18 30	27,069.18 30	0.9350		27,092.55 90

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2373	46.9031	10.0675	0.1545	3.9888	0.0550	4.0438	1.1483	0.0526	1.2009		16,242.34 40	16,242.34 40	0.6964		16,259.75 47
Worker	4.8173	3.1898	31.7301	0.1086	15.1562	0.0851	15.2413	4.0201	0.0783	4.0984		10,826.83 90	10,826.83 90	0.2386		10,832.80 43
Total	6.0545	50.0928	41.7977	0.2631	19.1450	0.1401	19.2851	5.1685	0.1309	5.2993		27,069.18 30	27,069.18 30	0.9350		27,092.55 90

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2109	46.4014	9.8225	0.1541	3.9888	0.0528	4.0416	1.1483	0.0505	1.1988		16,198.2534	16,198.2534	0.6874		16,215.4383
Worker	4.4525	2.8916	29.4453	0.1057	15.1562	0.0791	15.2354	4.0201	0.0728	4.0929		10,540.3451	10,540.3451	0.2153		10,545.7282
Total	5.6633	49.2930	39.2678	0.2598	19.1450	0.1319	19.2770	5.1685	0.1233	5.2918		26,738.5984	26,738.5984	0.9027		26,761.1665

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.2109	46.4014	9.8225	0.1541	3.9888	0.0528	4.0416	1.1483	0.0505	1.1988		16,198.2534	16,198.2534	0.6874		16,215.4383
Worker	4.4525	2.8916	29.4453	0.1057	15.1562	0.0791	15.2354	4.0201	0.0728	4.0929		10,540.3451	10,540.3451	0.2153		10,545.7282
Total	5.6633	49.2930	39.2678	0.2598	19.1450	0.1319	19.2770	5.1685	0.1233	5.2918		26,738.5984	26,738.5984	0.9027		26,761.1665

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1883	45.9671	9.6130	0.1538	3.9889	0.0508	4.0397	1.1484	0.0486	1.1969		16,166.0006	16,166.0006	0.6814		16,183.0355
Worker	4.0611	2.6063	27.2414	0.1031	15.1562	0.0737	15.2299	4.0201	0.0678	4.0879		10,287.5981	10,287.5981	0.1930		10,292.4241
Total	5.2493	48.5734	36.8545	0.2569	19.1451	0.1245	19.2696	5.1685	0.1163	5.2848		26,453.5986	26,453.5986	0.8744		26,475.4596

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1883	45.9671	9.6130	0.1538	3.9889	0.0508	4.0397	1.1484	0.0486	1.1969		16,166.0006	16,166.0006	0.6814		16,183.0355
Worker	4.0611	2.6063	27.2414	0.1031	15.1562	0.0737	15.2299	4.0201	0.0678	4.0879		10,287.5981	10,287.5981	0.1930		10,292.4241
Total	5.2493	48.5734	36.8545	0.2569	19.1451	0.1245	19.2696	5.1685	0.1163	5.2848		26,453.5986	26,453.5986	0.8744		26,475.4596

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1702	45.5867	9.4569	0.1536	3.9889	0.0491	4.0380	1.1484	0.0469	1.1953		16,146.2370	16,146.2370	0.6763		16,163.1449
Worker	3.7184	2.3608	25.3281	0.1009	15.1562	0.0686	15.2249	4.0201	0.0631	4.0833		10,066.0742	10,066.0742	0.1738		10,070.4187
Total	4.8886	47.9476	34.7851	0.2545	19.1451	0.1177	19.2628	5.1685	0.1100	5.2786		26,212.3112	26,212.3112	0.8501		26,233.5636

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1702	45.5867	9.4569	0.1536	3.9889	0.0491	4.0380	1.1484	0.0469	1.1953		16,146.2370	16,146.2370	0.6763		16,163.1449
Worker	3.7184	2.3608	25.3281	0.1009	15.1562	0.0686	15.2249	4.0201	0.0631	4.0833		10,066.0742	10,066.0742	0.1738		10,070.4187
Total	4.8886	47.9476	34.7851	0.2545	19.1451	0.1177	19.2628	5.1685	0.1100	5.2786		26,212.3112	26,212.3112	0.8501		26,233.5636

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1561	45.2589	9.3326	0.1535	3.9889	0.0476	4.0365	1.1484	0.0455	1.1939		16,134.1576	16,134.1576	0.6724		16,150.9682
Worker	3.4299	2.1562	23.7136	0.0989	15.1562	0.0642	15.2204	4.0201	0.0590	4.0792		9,873.1842	9,873.1842	0.1576		9,877.1232
Total	4.5860	47.4150	33.0463	0.2524	19.1452	0.1117	19.2569	5.1685	0.1045	5.2730		26,007.3418	26,007.3418	0.8300		26,028.0915

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1561	45.2589	9.3326	0.1535	3.9889	0.0476	4.0365	1.1484	0.0455	1.1939		16,134.1576	16,134.1576	0.6724		16,150.9682
Worker	3.4299	2.1562	23.7136	0.0989	15.1562	0.0642	15.2204	4.0201	0.0590	4.0792		9,873.1842	9,873.1842	0.1576		9,877.1232
Total	4.5860	47.4150	33.0463	0.2524	19.1452	0.1117	19.2569	5.1685	0.1045	5.2730		26,007.3418	26,007.3418	0.8300		26,028.0915

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1435	44.9711	9.2211	0.1534	3.9890	0.0462	4.0351	1.1484	0.0442	1.1925		16,128.7153	16,128.7153	0.6686		16,145.4306
Worker	3.1870	1.9861	22.2137	0.0972	15.1562	0.0600	15.2163	4.0201	0.0552	4.0753		9,705.0640	9,705.0640	0.1425		9,708.6274
Total	4.3305	46.9572	31.4347	0.2506	19.1452	0.1062	19.2514	5.1685	0.0994	5.2679		25,833.7793	25,833.7793	0.8112		25,854.0580

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.11 Phase II - 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
Vendor	1.1435	44.9711	9.2211	0.1534	3.9890	0.0462	4.0351	1.1484	0.0442	1.1925		16,128.7153	16,128.7153	0.6686		16,145.4306
Worker	3.1870	1.9861	22.2137	0.0972	15.1562	0.0600	15.2163	4.0201	0.0552	4.0753		9,705.0640	9,705.0640	0.1425		9,708.6274
Total	4.3305	46.9572	31.4347	0.2506	19.1452	0.1062	19.2514	5.1685	0.0994	5.2679		25,833.7793	25,833.7793	0.8112		25,854.0580

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.12 Phase II - Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	3.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7618	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0345	0.3246	9.7000e-004	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		96.9604	96.9604	2.6300e-003		97.0261
Total	0.0476	0.0345	0.3246	9.7000e-004	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		96.9604	96.9604	2.6300e-003		97.0261

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.12 Phase II - Paving - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	3.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7618	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0476	0.0345	0.3246	9.7000e-004	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		96.9604	96.9604	2.6300e-003		97.0261
Total	0.0476	0.0345	0.3246	9.7000e-004	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		96.9604	96.9604	2.6300e-003		97.0261

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1716	0.8498	7.9852	0.0239	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,385.2262	2,385.2262	0.0646		2,386.8408
Total	1.1716	0.8498	7.9852	0.0239	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,385.2262	2,385.2262	0.0646		2,386.8408

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1716	0.8498	7.9852	0.0239	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,385.2262	2,385.2262	0.0646		2,386.8408
Total	1.1716	0.8498	7.9852	0.0239	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,385.2262	2,385.2262	0.0646		2,386.8408

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1057	0.7717	7.3832	0.0231	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,303.0687	2,303.0687	0.0583		2,304.5267
Total	1.1057	0.7717	7.3832	0.0231	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,303.0687	2,303.0687	0.0583		2,304.5267

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1057	0.7717	7.3832	0.0231	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,303.0687	2,303.0687	0.0583		2,304.5267
Total	1.1057	0.7717	7.3832	0.0231	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,303.0687	2,303.0687	0.0583		2,304.5267

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.0374	0.7026	6.8569	0.0224	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,230.1387	2,230.1387	0.0530		2,231.4626
Total	1.0374	0.7026	6.8569	0.0224	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,230.1387	2,230.1387	0.0530		2,231.4626

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.0374	0.7026	6.8569	0.0224	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,230.1387	2,230.1387	0.0530		2,231.4626
Total	1.0374	0.7026	6.8569	0.0224	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,230.1387	2,230.1387	0.0530		2,231.4626

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9635	0.6380	6.3460	0.0217	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,165.3678	2,165.3678	0.0477		2,166.5609
Total	0.9635	0.6380	6.3460	0.0217	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,165.3678	2,165.3678	0.0477		2,166.5609

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9635	0.6380	6.3460	0.0217	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,165.3678	2,165.3678	0.0477		2,166.5609
Total	0.9635	0.6380	6.3460	0.0217	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,165.3678	2,165.3678	0.0477		2,166.5609

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8905	0.5783	5.8891	0.0211	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,108.0690	2,108.0690	0.0431		2,109.1457
Total	0.8905	0.5783	5.8891	0.0211	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,108.0690	2,108.0690	0.0431		2,109.1457

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8905	0.5783	5.8891	0.0211	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,108.0690	2,108.0690	0.0431		2,109.1457
Total	0.8905	0.5783	5.8891	0.0211	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,108.0690	2,108.0690	0.0431		2,109.1457

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8122	0.5213	5.4483	0.0206	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,057.5196	2,057.5196	0.0386		2,058.4848
Total	0.8122	0.5213	5.4483	0.0206	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,057.5196	2,057.5196	0.0386		2,058.4848

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8122	0.5213	5.4483	0.0206	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,057.5196	2,057.5196	0.0386		2,058.4848
Total	0.8122	0.5213	5.4483	0.0206	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,057.5196	2,057.5196	0.0386		2,058.4848

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7437	0.4722	5.0656	0.0202	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,013.2148	2,013.2148	0.0348		2,014.0837
Total	0.7437	0.4722	5.0656	0.0202	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,013.2148	2,013.2148	0.0348		2,014.0837

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7437	0.4722	5.0656	0.0202	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,013.2148	2,013.2148	0.0348		2,014.0837
Total	0.7437	0.4722	5.0656	0.0202	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,013.2148	2,013.2148	0.0348		2,014.0837

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6860	0.4312	4.7427	0.0198	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		1,974.6369	1,974.6369	0.0315		1,975.4246
Total	0.6860	0.4312	4.7427	0.0198	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		1,974.6369	1,974.6369	0.0315		1,975.4246

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6860	0.4312	4.7427	0.0198	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		1,974.6369	1,974.6369	0.0315		1,975.4246
Total	0.6860	0.4312	4.7427	0.0198	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		1,974.6369	1,974.6369	0.0315		1,975.4246

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6374	0.3972	4.4427	0.0194	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		1,941.0128	1,941.0128	0.0285		1,941.7255
Total	0.6374	0.3972	4.4427	0.0194	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		1,941.0128	1,941.0128	0.0285		1,941.7255

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6374	0.3972	4.4427	0.0194	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		1,941.0128	1,941.0128	0.0285		1,941.7255
Total	0.6374	0.3972	4.4427	0.0194	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		1,941.0128	1,941.0128	0.0285		1,941.7255

4.0 Operational Detail - Mobile

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

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	9.8903	68.8731	111.7178	0.5076	51.2561	0.2699	51.5259	13.7109	0.2512	13.9621		51,786.69 51	51,786.69 51	2.1930		51,841.51 99
Unmitigated	9.8903	68.8731	111.7178	0.5076	51.2561	0.2699	51.5259	13.7109	0.2512	13.9621		51,786.69 51	51,786.69 51	2.1930		51,841.51 99

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,400.00	1,200.00	948.00	5,822,427	5,822,427
Arena	240.25	240.25	240.25	466,551	466,551
City Park	62.50	62.50	62.50	133,428	133,428
Hotel	1,300.00	1,300.00	650.00	2,293,488	2,293,488
Manufacturing	25.00	25.00	12.50	67,774	67,774
Office Park	125.00	12.50	12.50	232,723	232,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	1,922.00	1,922.00	1922.00	2,279,813	2,279,813
Single Family Housing	3,540.00	3,540.00	3540.00	10,197,889	10,197,889
Strip Mall	808.50	808.50	808.50	1,245,117	1,245,117
Total	10,423.25	9,110.75	8,196.25	22,739,210	22,739,210

4.3 Trip Type Information

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Arena	9.50	7.30	7.30	0.00	81.00	19.00	66	28	6
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Office Park	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44
Single Family Housing	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Arena	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
City Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Hotel	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Manufacturing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Office Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Quality Restaurant	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Single Family Housing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Strip Mall	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
NaturalGas Unmitigated	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14201.8	0.1532	1.3088	0.5569	8.3500e-003		0.1058	0.1058		0.1058	0.1058		1,670.8042	1,670.8042	0.0320	0.0306	1,680.7329
Arena	2694.75	0.0291	0.2642	0.2219	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.0293	317.0293	6.0800e-003	5.8100e-003	318.9133
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	21487.6	0.2317	2.1066	1.7696	0.0126		0.1601	0.1601		0.1601	0.1601		2,527.9542	2,527.9542	0.0485	0.0464	2,542.9766
Manufacturing	1402.05	0.0151	0.1375	0.1155	8.2000e-004		0.0105	0.0105		0.0105	0.0105		164.9476	164.9476	3.1600e-003	3.0200e-003	165.9278
Office Park	1014.38	0.0109	0.0995	0.0835	6.0000e-004		7.5600e-003	7.5600e-003		7.5600e-003	7.5600e-003		119.3392	119.3392	2.2900e-003	2.1900e-003	120.0484
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	24980.7	0.2694	2.4491	2.0572	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.9099	2,938.9099	0.0563	0.0539	2,956.3744
Single Family Housing	66075.3	0.7126	6.0893	2.5912	0.0389		0.4923	0.4923		0.4923	0.4923		7,773.5605	7,773.5605	0.1490	0.1425	7,819.7548
Strip Mall	245.134	2.6400e-003	0.0240	0.0202	1.4000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003		28.8393	28.8393	5.5000e-004	5.3000e-004	29.0107
Total		1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.2018	0.1532	1.3088	0.5569	8.3500e-003		0.1058	0.1058		0.1058	0.1058		1,670.8042	1,670.8042	0.0320	0.0306	1,680.7329
Arena	2.69475	0.0291	0.2642	0.2219	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.0293	317.0293	6.0800e-003	5.8100e-003	318.9133
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	21.4876	0.2317	2.1066	1.7696	0.0126		0.1601	0.1601		0.1601	0.1601		2,527.9542	2,527.9542	0.0485	0.0464	2,542.9766
Manufacturing	1.40205	0.0151	0.1375	0.1155	8.2000e-004		0.0105	0.0105		0.0105	0.0105		164.9476	164.9476	3.1600e-003	3.0200e-003	165.9278
Office Park	1.01438	0.0109	0.0995	0.0835	6.0000e-004		7.5600e-003	7.5600e-003		7.5600e-003	7.5600e-003		119.3392	119.3392	2.2900e-003	2.1900e-003	120.0484
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	24.9807	0.2694	2.4491	2.0572	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.9099	2,938.9099	0.0563	0.0539	2,956.3744
Single Family Housing	66.0753	0.7126	6.0893	2.5912	0.0389		0.4923	0.4923		0.4923	0.4923		7,773.5605	7,773.5605	0.1490	0.1425	7,819.7548
Strip Mall	0.245134	2.6400e-003	0.0240	0.0202	1.4000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003		28.8393	28.8393	5.5000e-004	5.3000e-004	29.0107
Total		1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

6.0 Area Detail

6.1 Mitigation Measures Area

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Unmitigated	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

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	10.2395					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.8353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6556	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796		220.7249	220.7249	0.2103		225.9829
Total	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

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	10.2395					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.8353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6556	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796		220.7249	220.7249	0.2103		225.9829
Total	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Winter

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

Campus Town Specific Plan
Monterey Bay Unified APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.00	1000sqft	0.57	25,000.00	0
Manufacturing	25.00	1000sqft	0.57	25,000.00	0
Other Asphalt Surfaces	32.30	Acre	32.30	1,406,988.00	0
Arena	48.05	1000sqft	1.10	48,050.00	0
City Park	12.50	Acre	12.50	544,500.00	0
Hotel	325.00	Room	2.40	471,900.00	0
Quality Restaurant	48.05	1000sqft	1.10	48,050.00	0
Apartments Mid Rise	600.00	Dwelling Unit	11.90	600,000.00	1980
Single Family Housing	885.00	Dwelling Unit	88.55	1,593,000.00	2920
Strip Mall	53.90	1000sqft	1.24	53,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	218.73	CH4 Intensity (lb/MW hr)	0.01	N2O Intensity (lb/MW hr)	0.002

1.3 User Entered Comments & Non-Default Data

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

Project Characteristics - Linear interpolation of 2030 and 2045 RPS targets.

Land Use - Based on PD/SP. Pop based on Seaside household size of 3.3 persons.

Construction Phase - Based on applicant-provided schedule.

Trips and VMT -

Demolition -

Grading - Based on PD. Reduced Phase II by 7,000 cy for soil transfer between sites to avoid double counting.

Architectural Coating - Compliance with MBARD Rule 426. Split sf equally between two phases.

Vehicle Trips - Adjusted to match TJKM VMT.

Woodstoves - No wood-burning fireplaces as part of project.

Energy Use - Reduced lighting 75% for Title 24. Reduced SFR energy intensity by 7% and commercial by 30% for Title 24.

Water And Wastewater - Based on WSA. All residential water use allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office. All irrigation allocated to city park.

Solid Waste - Match CalRecycle rates in Section 4.16. All residential allocated to single family. All retail/dining/entertainment allocated to retail. All office/industrial allocated to office.

Construction Off-road Equipment Mitigation - Per applicant info.

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	335,950.00	167,975.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,007,850.00	503,925.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,210.00
tblArchitecturalCoating	ConstArea_Parking	84,419.00	42,209.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,137.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,480,275.00	740,138.00

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,412.00
tblArchitecturalCoating	ConstArea_Residential_Interior	4,440,825.00	2,220,413.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	100.00	50.00
tblConstructionPhase	NumDays	220.00	2,195.00
tblConstructionPhase	NumDays	220.00	762.00
tblConstructionPhase	NumDays	3,100.00	2,240.00
tblConstructionPhase	NumDays	3,100.00	805.00
tblConstructionPhase	NumDays	200.00	174.00
tblConstructionPhase	NumDays	200.00	150.00
tblConstructionPhase	NumDays	310.00	174.00
tblConstructionPhase	NumDays	310.00	150.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	45.00
tblConstructionPhase	NumDays	120.00	173.00
tblConstructionPhase	NumDays	120.00	805.00
tblEnergyUse	LightingElect	741.44	185.36
tblEnergyUse	LightingElect	1,608.84	402.21
tblEnergyUse	T24E	1.48	1.04
tblEnergyUse	T24E	2.05	1.44
tblEnergyUse	T24E	1.48	1.04

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

tblEnergyUse	T24E	7.28	5.10
tblEnergyUse	T24E	5.07	3.55
tblEnergyUse	T24E	325.76	302.96
tblEnergyUse	T24E	2.76	1.93
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	39.56	11.87
tblEnergyUse	T24NG	19.71	13.80
tblEnergyUse	T24NG	21.04	14.73
tblEnergyUse	T24NG	60.41	42.29
tblEnergyUse	T24NG	25,910.09	24,096.38
tblEnergyUse	T24NG	2.37	1.66
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,508.00	0.00
tblFireplaces	NumberGas	486.75	885.00
tblFireplaces	NumberNoFireplace	88.50	0.00
tblFireplaces	NumberWood	309.75	0.00
tblGrading	MaterialExported	0.00	55,000.00
tblGrading	MaterialImported	0.00	35,000.00
tblLandUse	LotAcreage	15.44	1.10
tblLandUse	LotAcreage	10.83	2.40
tblLandUse	LotAcreage	15.79	11.90
tblLandUse	LotAcreage	287.34	88.55
tblLandUse	Population	1,716.00	1,980.00
tblLandUse	Population	2,531.00	2,920.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.01
tblProjectCharacteristics	CO2IntensityFactor	641.35	218.73

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

tblProjectCharacteristics	N2OIntensityFactor	0.006	0.002
tblSolidWaste	SolidWasteGenerationRate	276.00	0.00
tblSolidWaste	SolidWasteGenerationRate	1.32	0.00
tblSolidWaste	SolidWasteGenerationRate	1.07	0.00
tblSolidWaste	SolidWasteGenerationRate	177.94	237.25
tblSolidWaste	SolidWasteGenerationRate	31.00	0.00
tblSolidWaste	SolidWasteGenerationRate	23.25	54.75
tblSolidWaste	SolidWasteGenerationRate	43.85	0.00
tblSolidWaste	SolidWasteGenerationRate	1,284.80	3,314.48
tblSolidWaste	SolidWasteGenerationRate	56.59	1.09
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HO_TTP	37.20	37.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	ST_TR	6.39	2.00
tblVehicleTrips	ST_TR	10.71	5.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	8.19	4.00
tblVehicleTrips	ST_TR	1.49	1.00
tblVehicleTrips	ST_TR	1.64	0.50
tblVehicleTrips	ST_TR	94.36	40.00
tblVehicleTrips	ST_TR	9.91	4.00
tblVehicleTrips	ST_TR	42.04	15.00
tblVehicleTrips	SU_TR	5.86	1.58
tblVehicleTrips	SU_TR	10.71	5.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	5.95	2.00

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

tblVehicleTrips	SU_TR	0.62	0.50
tblVehicleTrips	SU_TR	0.76	0.50
tblVehicleTrips	SU_TR	72.16	40.00
tblVehicleTrips	SU_TR	8.62	4.00
tblVehicleTrips	SU_TR	20.43	15.00
tblVehicleTrips	WD_TR	6.65	4.00
tblVehicleTrips	WD_TR	10.71	5.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	8.17	4.00
tblVehicleTrips	WD_TR	3.82	1.00
tblVehicleTrips	WD_TR	11.42	5.00
tblVehicleTrips	WD_TR	89.95	40.00
tblVehicleTrips	WD_TR	9.52	4.00
tblVehicleTrips	WD_TR	44.32	15.00
tblWater	IndoorWaterUseRate	39,092,415.37	0.00
tblWater	IndoorWaterUseRate	20,698,504.15	0.00
tblWater	IndoorWaterUseRate	8,244,200.25	15,640,000.00
tblWater	IndoorWaterUseRate	5,781,250.00	0.00
tblWater	IndoorWaterUseRate	4,443,343.70	2,199,494.00
tblWater	IndoorWaterUseRate	14,584,794.88	0.00
tblWater	IndoorWaterUseRate	57,661,312.67	120,972,163.00
tblWater	IndoorWaterUseRate	3,992,508.91	14,660,000.00
tblWater	OutdoorWaterUseRate	24,645,218.39	0.00
tblWater	OutdoorWaterUseRate	1,321,181.12	0.00
tblWater	OutdoorWaterUseRate	14,893,516.87	5,353,731.00
tblWater	OutdoorWaterUseRate	916,022.25	0.00
tblWater	OutdoorWaterUseRate	2,723,339.69	0.00

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

tblWater	OutdoorWaterUseRate	930,944.35	0.00
tblWater	OutdoorWaterUseRate	36,351,697.12	0.00
tblWater	OutdoorWaterUseRate	2,447,021.59	0.00
tblWoodstoves	NumberCatalytic	44.25	0.00
tblWoodstoves	NumberNoncatalytic	44.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,120.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	7.8012	88.4137	55.4937	0.1357	18.2141	3.5782	20.2598	9.9699	3.3073	11.8519	0.0000	13,418.15 47	13,418.15 47	3.1383	0.0000	13,496.61 22
2022	30.2097	158.2158	152.6804	0.5055	32.5761	4.1118	36.6878	9.9787	3.8258	13.8045	0.0000	50,960.92 40	50,960.92 40	5.2264	0.0000	51,091.58 45
2023	28.2535	134.7783	142.4726	0.4951	40.3898	3.4196	42.6400	15.9422	3.1801	18.0357	0.0000	49,914.75 46	49,914.75 46	4.9364	0.0000	50,038.16 53
2024	24.3925	97.5639	105.3652	0.3989	40.3900	2.1079	42.4979	15.9422	1.9595	17.9017	0.0000	40,385.33 69	40,385.33 69	2.9831	0.0000	40,459.91 30
2025	23.5778	93.0774	99.5921	0.3910	40.3901	1.8627	42.2528	15.9423	1.7312	17.6735	0.0000	39,593.31 54	39,593.31 54	2.9245	0.0000	39,666.42 88
2026	13.1437	73.3480	81.5449	0.3443	22.1761	1.1133	22.9424	9.9699	1.0375	10.9707	0.0000	35,042.52 36	35,042.52 36	2.3069	0.0000	35,084.37 75
2027	12.7272	65.4269	72.6082	0.3382	22.1761	0.7559	22.9320	5.9725	0.7126	6.6850	0.0000	34,434.62 39	34,434.62 39	1.6281	0.0000	34,475.32 73
2028	12.3123	64.4708	69.1402	0.3328	22.1762	0.7450	22.9212	5.9725	0.7024	6.6749	0.0000	33,901.01 47	33,901.01 47	1.5855	0.0000	33,940.65 26
2029	11.8741	63.5941	65.8112	0.3280	22.1762	0.7350	22.9112	5.9725	0.6931	6.6656	0.0000	33,428.44 20	33,428.44 20	1.5456	0.0000	33,467.08 23
2030	11.3503	58.0006	62.9347	0.3279	22.1763	0.3151	22.4914	5.9725	0.3052	6.2777	0.0000	33,359.40 00	33,359.40 00	1.0196	0.0000	33,384.88 89
2031	10.9027	57.3103	60.1348	0.3243	22.1763	0.3067	22.4830	5.9725	0.2974	6.2699	0.0000	33,005.35 49	33,005.35 49	0.9861	0.0000	33,030.00 84
2032	10.5123	56.7109	57.7210	0.3213	22.1764	0.2990	22.4754	5.9725	0.2903	6.2628	0.0000	32,704.74 74	32,704.74 74	0.9573	0.0000	32,728.67 97
2033	10.1833	56.2022	55.6877	0.3187	22.1764	0.2922	22.4686	5.9726	0.2840	6.2565	0.0000	32,449.10 35	32,449.10 35	0.9333	0.0000	32,472.43 52
2034	9.9026	55.7658	53.7999	0.3165	22.1764	0.2859	22.4623	5.9726	0.2781	6.2507	0.0000	32,232.25 46	32,232.25 46	0.9108	0.0000	32,255.02 57
Maximum	30.2097	158.2158	152.6804	0.5055	40.3901	4.1118	42.6400	15.9423	3.8258	18.0357	0.0000	50,960.92 40	50,960.92 40	5.2264	0.0000	51,091.58 45

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

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	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Energy	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
Mobile	10.9933	67.6100	107.1483	0.5346	51.2561	0.2688	51.5248	13.7109	0.2502	13.9611		54,544.9692	54,544.9692	2.0686		54,596.6833
Total	88.1482	81.4980	236.7059	0.6188	51.2561	1.9327	53.1887	13.7109	1.9141	15.6250	0.0000	70,307.0784	70,307.0784	2.5768	0.2849	70,456.4052

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	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Energy	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
Mobile	10.9933	67.6100	107.1483	0.5346	51.2561	0.2688	51.5248	13.7109	0.2502	13.9611		54,544.9692	54,544.9692	2.0686		54,596.6833
Total	88.1482	81.4980	236.7059	0.6188	51.2561	1.9327	53.1887	13.7109	1.9141	15.6250	0.0000	70,307.0784	70,307.0784	2.5768	0.2849	70,456.4052

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	Phase I - Demolition	Demolition	4/1/2021	11/30/2021	5	174	
2	Phase I - Grading	Grading	4/1/2021	11/30/2021	5	174	
3	Phase I - Drainage/Utilities	Site Preparation	12/1/2021	7/29/2022	5	173	
4	Phase I - Paving	Paving	8/1/2022	9/30/2022	5	45	
5	Phase II - Demolition	Demolition	10/3/2022	4/28/2023	5	150	
6	Phase II - Grading	Grading	10/3/2022	4/28/2023	5	150	
7	Phase I - Building Construction	Building Construction	10/3/2022	10/31/2025	5	805	
8	Phase I - Architectural Coating	Architectural Coating	12/1/2022	10/31/2025	5	762	
9	Phase II - Drainage/Utilities	Site Preparation	5/1/2023	5/29/2026	5	805	
10	Phase II - Building Construction	Building Construction	6/1/2026	12/29/2034	5	2240	
11	Phase II - Paving	Paving	6/1/2026	6/30/2026	5	22	
12	Phase II - Architectural Coating	Architectural Coating	8/3/2026	12/29/2034	5	2195	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 32.3

Residential Indoor: 2,220,413; Residential Outdoor: 740,138; Non-Residential Indoor: 503,925; Non-Residential Outdoor: 167,975; Striped Parking Area: 42,209 (Architectural Coating – sqft)

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

OffRoad Equipment

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

Phase I - Building Construction	Welders	1	8.00	46	0.45
Phase I - Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase II - Drainage/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Phase II - Drainage/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase II - Building Construction	Cranes	1	7.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase II - Paving	Pavers	2	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

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
Phase I - Demolition	6	15.00	0.00	20.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading	8	20.00	0.00	6,875.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Drainage/ Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Demolition	6	15.00	0.00	229.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	8	20.00	0.00	4,375.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Drainage/ Utilities	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	9	1,845.00	589.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	1	369.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.2 Phase I - Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0254	0.0000	0.0254	3.8400e-003	0.0000	3.8400e-003			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.0254	1.5513	1.5767	3.8400e-003	1.4411	1.4449		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.8000e-004	0.0304	5.4000e-003	9.0000e-005	2.0100e-003	1.1000e-004	2.1200e-003	5.5000e-004	1.1000e-004	6.6000e-004		9.7774	9.7774	3.8000e-004		9.7868
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408
Total	0.0615	0.0769	0.5148	1.3500e-003	0.1252	1.1000e-003	0.1263	0.0332	1.0300e-003	0.0343		135.0987	135.0987	5.1600e-003		135.2276

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.2 Phase I - Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0114	0.0000	0.0114	1.7300e-003	0.0000	1.7300e-003			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.0114	1.5513	1.5628	1.7300e-003	1.4411	1.4428	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.8000e-004	0.0304	5.4000e-003	9.0000e-005	2.0100e-003	1.1000e-004	2.1200e-003	5.5000e-004	1.1000e-004	6.6000e-004		9.7774	9.7774	3.8000e-004		9.7868
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408
Total	0.0615	0.0769	0.5148	1.3500e-003	0.1252	1.1000e-003	0.1263	0.0332	1.0300e-003	0.0343		135.0987	135.0987	5.1600e-003		135.2276

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.3 Phase I - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7223	0.0000	8.7223	3.6039	0.0000	3.6039			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	8.7223	1.9853	10.7076	3.6039	1.8265	5.4304		6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3026	10.4344	1.8562	0.0318	0.6906	0.0391	0.7297	0.1893	0.0374	0.2267		3,360.972 4	3,360.972 4	0.1291		3,364.199 3
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0808	0.0620	0.6792	1.6800e-003	0.1643	1.3300e-003	0.1656	0.0436	1.2200e-003	0.0448		167.0952	167.0952	6.3700e-003		167.2545
Total	0.3834	10.4964	2.5354	0.0335	0.8549	0.0404	0.8953	0.2329	0.0386	0.2715		3,528.067 6	3,528.067 6	0.1355		3,531.453 8

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.3 Phase I - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9250	0.0000	3.9250	1.6218	0.0000	1.6218			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9250	1.9853	5.9104	1.6218	1.8265	3.4483	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3026	10.4344	1.8562	0.0318	0.6906	0.0391	0.7297	0.1893	0.0374	0.2267		3,360.972 4	3,360.972 4	0.1291		3,364.199 3
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0808	0.0620	0.6792	1.6800e-003	0.1643	1.3300e-003	0.1656	0.0436	1.2200e-003	0.0448		167.0952	167.0952	6.3700e-003		167.2545
Total	0.3834	10.4964	2.5354	0.0335	0.8549	0.0404	0.8953	0.2329	0.0386	0.2715		3,528.067 6	3,528.067 6	0.1355		3,531.453 8

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.4 Phase I - Drainage/Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0727	0.0558	0.6113	1.5100e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		150.3856	150.3856	5.7300e-003		150.5290
Total	0.0727	0.0558	0.6113	1.5100e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		150.3856	150.3856	5.7300e-003		150.5290

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.4 Phase I - Drainage/Utilities - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	8.1298	2.0445	10.1743	4.4688	1.8809	6.3497	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0727	0.0558	0.6113	1.5100e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		150.3856	150.3856	5.7300e-003		150.5290
Total	0.0727	0.0558	0.6113	1.5100e-003	0.1479	1.1900e-003	0.1491	0.0392	1.1000e-003	0.0403		150.3856	150.3856	5.7300e-003		150.5290

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.4 Phase I - Drainage/Utilities - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0675	0.0500	0.5586	1.4600e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		145.0845	145.0845	5.1300e-003		145.2127
Total	0.0675	0.0500	0.5586	1.4600e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		145.0845	145.0845	5.1300e-003		145.2127

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.4 Phase I - Drainage/Utilities - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	8.1298	1.6126	9.7424	4.4688	1.4836	5.9524	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0675	0.0500	0.5586	1.4600e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		145.0845	145.0845	5.1300e-003		145.2127
Total	0.0675	0.0500	0.5586	1.4600e-003	0.1479	1.1500e-003	0.1490	0.0392	1.0600e-003	0.0403		145.0845	145.0845	5.1300e-003		145.2127

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.5 Phase I - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.8806					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9834	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.5 Phase I - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.8806					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.9834	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.6 Phase II - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3365	0.0000	0.3365	0.0510	0.0000	0.0510			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.781 2	3,746.781 2	1.0524		3,773.092 0
Total	2.6392	25.7194	20.5941	0.0388	0.3365	1.2427	1.5791	0.0510	1.1553	1.2062		3,746.781 2	3,746.781 2	1.0524		3,773.092 0

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0109	0.3688	0.0684	1.2200e-003	0.0531	1.2900e-003	0.0544	0.0138	1.2300e-003	0.0150		128.2611	128.2611	4.9100e-003		128.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0672	0.4104	0.5338	2.4300e-003	0.1763	2.2500e-003	0.1786	0.0465	2.1100e-003	0.0486		249.1648	249.1648	9.1800e-003		249.3944

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.6 Phase II - Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1514	0.0000	0.1514	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0
Total	2.6392	25.7194	20.5941	0.0388	0.1514	1.2427	1.3941	0.0229	1.1553	1.1782	0.0000	3,746.781 2	3,746.781 2	1.0524		3,773.092 0

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0109	0.3688	0.0684	1.2200e-003	0.0531	1.2900e-003	0.0544	0.0138	1.2300e-003	0.0150		128.2611	128.2611	4.9100e-003		128.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0672	0.4104	0.5338	2.4300e-003	0.1763	2.2500e-003	0.1786	0.0465	2.1100e-003	0.0486		249.1648	249.1648	9.1800e-003		249.3944

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.6 Phase II - Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3365	0.0000	0.3365	0.0510	0.0000	0.0510			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	0.3365	0.9975	1.3340	0.0510	0.9280	0.9789		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	7.9800e-003	0.2788	0.0600	1.1900e-003	0.0421	6.1000e-004	0.0427	0.0111	5.9000e-004	0.0117		125.1555	125.1555	3.9200e-003		125.2535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0523	0.0373	0.4253	1.1700e-003	0.1232	9.3000e-004	0.1242	0.0327	8.6000e-004	0.0335		116.4167	116.4167	3.8200e-003		116.5121
Total	0.0603	0.3162	0.4853	2.3600e-003	0.1653	1.5400e-003	0.1669	0.0438	1.4500e-003	0.0452		241.5721	241.5721	7.7400e-003		241.7656

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.6 Phase II - 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					0.1514	0.0000	0.1514	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.1514	0.9975	1.1489	0.0229	0.9280	0.9509	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	7.9800e-003	0.2788	0.0600	1.1900e-003	0.0421	6.1000e-004	0.0427	0.0111	5.9000e-004	0.0117		125.1555	125.1555	3.9200e-003		125.2535
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0523	0.0373	0.4253	1.1700e-003	0.1232	9.3000e-004	0.1242	0.0327	8.6000e-004	0.0335		116.4167	116.4167	3.8200e-003		116.5121
Total	0.0603	0.3162	0.4853	2.3600e-003	0.1653	1.5400e-003	0.1669	0.0438	1.4500e-003	0.0452		241.5721	241.5721	7.7400e-003		241.7656

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.7 Phase II - Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.7094	0.0000	8.7094	3.6020	0.0000	3.6020			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.7094	1.6349	10.3443	3.6020	1.5041	5.1061		6,011.4105	6,011.4105	1.9442		6,060.0158

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2085	7.0451	1.3057	0.0232	1.0141	0.0246	1.0387	0.2635	0.0235	0.2871		2,450.4025	2,450.4025	0.0938		2,452.7472
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0750	0.0555	0.6207	1.6200e-003	0.1643	1.2800e-003	0.1656	0.0436	1.1800e-003	0.0448		161.2050	161.2050	5.7000e-003		161.3475
Total	0.2836	7.1007	1.9264	0.0248	1.1784	0.0259	1.2043	0.3071	0.0247	0.3318		2,611.6075	2,611.6075	0.0995		2,614.0947

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.7 Phase II - Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9193	0.0000	3.9193	1.6209	0.0000	1.6209			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	3.9193	1.6349	5.5541	1.6209	1.5041	3.1250	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2085	7.0451	1.3057	0.0232	1.0141	0.0246	1.0387	0.2635	0.0235	0.2871		2,450.4025	2,450.4025	0.0938		2,452.7472
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0750	0.0555	0.6207	1.6200e-003	0.1643	1.2800e-003	0.1656	0.0436	1.1800e-003	0.0448		161.2050	161.2050	5.7000e-003		161.3475
Total	0.2836	7.1007	1.9264	0.0248	1.1784	0.0259	1.2043	0.3071	0.0247	0.3318		2,611.6075	2,611.6075	0.0995		2,614.0947

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.7 Phase II - 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					8.7094	0.0000	8.7094	3.6020	0.0000	3.6020			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	8.7094	1.4245	10.1339	3.6020	1.3105	4.9125		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	0.1525	5.3269	1.1469	0.0227	0.8048	0.0118	0.8165	0.2121	0.0112	0.2234		2,391.0708	2,391.0708	0.0749		2,392.9432
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0698	0.0498	0.5670	1.5600e-003	0.1643	1.2400e-003	0.1655	0.0436	1.1400e-003	0.0447		155.2222	155.2222	5.0900e-003		155.3495
Total	0.2222	5.3767	1.7139	0.0242	0.9691	0.0130	0.9821	0.2557	0.0124	0.2681		2,546.2930	2,546.2930	0.0800		2,548.2927

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.7 Phase II - 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					3.9193	0.0000	3.9193	1.6209	0.0000	1.6209			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	3.9193	1.4245	5.3437	1.6209	1.3105	2.9314	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	0.1525	5.3269	1.1469	0.0227	0.8048	0.0118	0.8165	0.2121	0.0112	0.2234		2,391.0708	2,391.0708	0.0749		2,392.9432
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0698	0.0498	0.5670	1.5600e-003	0.1643	1.2400e-003	0.1655	0.0436	1.1400e-003	0.0447		155.2222	155.2222	5.0900e-003		155.3495
Total	0.2222	5.3767	1.7139	0.0242	0.9691	0.0130	0.9821	0.2557	0.0124	0.2681		2,546.2930	2,546.2930	0.0800		2,548.2927

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9451	62.9711	13.7021	0.1682	3.9880	0.1737	4.1617	1.1480	0.1661	1.3142		17,660.7848	17,660.7848	0.8600		17,682.2857
Worker	6.9221	5.1223	57.2546	0.1494	15.1562	0.1180	15.2743	4.0201	0.1089	4.1290		14,871.1613	14,871.1613	0.5257		14,884.3030
Total	8.8671	68.0933	70.9567	0.3175	19.1442	0.2918	19.4360	5.1682	0.2750	5.4432		32,531.9461	32,531.9461	1.3857		32,566.5886

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9451	62.9711	13.7021	0.1682	3.9880	0.1737	4.1617	1.1480	0.1661	1.3142		17,660.7848	17,660.7848	0.8600		17,682.2857
Worker	6.9221	5.1223	57.2546	0.1494	15.1562	0.1180	15.2743	4.0201	0.1089	4.1290		14,871.1613	14,871.1613	0.5257		14,884.3030
Total	8.8671	68.0933	70.9567	0.3175	19.1442	0.2918	19.4360	5.1682	0.2750	5.4432		32,531.9461	32,531.9461	1.3857		32,566.5886

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.4599	51.8880	11.7530	0.1651	3.9882	0.0752	4.0634	1.1481	0.0719	1.2200		17,348.6700	17,348.6700	0.6668		17,365.3401
Worker	6.4359	4.5913	52.3090	0.1438	15.1562	0.1144	15.2706	4.0201	0.1055	4.1256		14,319.2498	14,319.2498	0.4697		14,330.9916
Total	7.8959	56.4793	64.0620	0.3089	19.1444	0.1896	19.3340	5.1682	0.1774	5.3456		31,667.9198	31,667.9198	1.1365		31,696.3317

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.4599	51.8880	11.7530	0.1651	3.9882	0.0752	4.0634	1.1481	0.0719	1.2200		17,348.6700	17,348.6700	0.6668		17,365.3401
Worker	6.4359	4.5913	52.3090	0.1438	15.1562	0.1144	15.2706	4.0201	0.1055	4.1256		14,319.2498	14,319.2498	0.4697		14,330.9916
Total	7.8959	56.4793	64.0620	0.3089	19.1444	0.1896	19.3340	5.1682	0.1774	5.3456		31,667.9198	31,667.9198	1.1365		31,696.3317

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.3822	50.7320	10.8838	0.1638	3.9883	0.0700	4.0583	1.1482	0.0669	1.2151		17,205.2111	17,205.2111	0.6607		17,221.7293
Worker	6.0049	4.1276	48.0831	0.1382	15.1562	0.1110	15.2673	4.0201	0.1023	4.1225		13,767.2122	13,767.2122	0.4210		13,777.7379
Total	7.3871	54.8596	58.9669	0.3019	19.1446	0.1810	19.3256	5.1683	0.1692	5.3375		30,972.4233	30,972.4233	1.0818		30,999.4672

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.3822	50.7320	10.8838	0.1638	3.9883	0.0700	4.0583	1.1482	0.0669	1.2151		17,205.2111	17,205.2111	0.6607		17,221.7293
Worker	6.0049	4.1276	48.0831	0.1382	15.1562	0.1110	15.2673	4.0201	0.1023	4.1225		13,767.2122	13,767.2122	0.4210		13,777.7379
Total	7.3871	54.8596	58.9669	0.3019	19.1446	0.1810	19.3256	5.1683	0.1692	5.3375		30,972.4233	30,972.4233	1.0818		30,999.4672

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.3161	49.7135	10.1703	0.1625	3.9885	0.0654	4.0539	1.1482	0.0625	1.2108		17,072.62 56	17,072.62 56	0.6553		17,089.00 79
Worker	5.6359	3.7320	44.3198	0.1327	15.1562	0.1086	15.2649	4.0201	0.1001	4.1202		13,220.56 88	13,220.56 88	0.3801		13,230.07 10
Total	6.9520	53.4455	54.4901	0.2951	19.1447	0.1740	19.3188	5.1684	0.1626	5.3310		30,293.19 43	30,293.19 43	1.0354		30,319.07 88

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.8 Phase I - 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
Vendor	1.3161	49.7135	10.1703	0.1625	3.9885	0.0654	4.0539	1.1482	0.0625	1.2108		17,072.62 56	17,072.62 56	0.6553		17,089.00 79
Worker	5.6359	3.7320	44.3198	0.1327	15.1562	0.1086	15.2649	4.0201	0.1001	4.1202		13,220.56 88	13,220.56 88	0.3801		13,230.07 10
Total	6.9520	53.4455	54.4901	0.2951	19.1447	0.1740	19.3188	5.1684	0.1626	5.3310		30,293.19 43	30,293.19 43	1.0354		30,319.07 88

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	11.6372	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3844	1.0245	11.4509	0.0299	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,974.2323	2,974.2323	0.1051		2,976.8606
Total	1.3844	1.0245	11.4509	0.0299	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,974.2323	2,974.2323	0.1051		2,976.8606

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	11.6372	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.3844	1.0245	11.4509	0.0299	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,974.2323	2,974.2323	0.1051		2,976.8606
Total	1.3844	1.0245	11.4509	0.0299	3.0313	0.0236	3.0549	0.8040	0.0218	0.8258		2,974.2323	2,974.2323	0.1051		2,976.8606

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	11.6243	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2872	0.9183	10.4618	0.0288	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,863.8500	2,863.8500	0.0939		2,866.1983
Total	1.2872	0.9183	10.4618	0.0288	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,863.8500	2,863.8500	0.0939		2,866.1983

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	11.6243	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2872	0.9183	10.4618	0.0288	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,863.8500	2,863.8500	0.0939		2,866.1983
Total	1.2872	0.9183	10.4618	0.0288	3.0313	0.0229	3.0541	0.8040	0.0211	0.8251		2,863.8500	2,863.8500	0.0939		2,866.1983

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	11.6134	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2010	0.8255	9.6166	0.0276	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,753.4425	2,753.4425	0.0842		2,755.5476
Total	1.2010	0.8255	9.6166	0.0276	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,753.4425	2,753.4425	0.0842		2,755.5476

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.4326					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	11.6134	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2010	0.8255	9.6166	0.0276	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,753.4425	2,753.4425	0.0842		2,755.5476
Total	1.2010	0.8255	9.6166	0.0276	3.0313	0.0222	3.0535	0.8040	0.0205	0.8245		2,753.4425	2,753.4425	0.0842		2,755.5476

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - 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	11.4326					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	11.6035	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1272	0.7464	8.8640	0.0265	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,644.1138	2,644.1138	0.0760		2,646.0142
Total	1.1272	0.7464	8.8640	0.0265	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,644.1138	2,644.1138	0.0760		2,646.0142

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.9 Phase I - 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	11.4326					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	11.6035	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1272	0.7464	8.8640	0.0265	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,644.1138	2,644.1138	0.0760		2,646.0142
Total	1.1272	0.7464	8.8640	0.0265	3.0313	0.0217	3.0530	0.8040	0.0200	0.8240		2,644.1138	2,644.1138	0.0760		2,646.0142

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	18.0663	1.2660	19.3323	9.9307	1.1647	11.0954		3,687.3081	3,687.3081	1.1926		3,717.1219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0628	0.0448	0.5103	1.4000e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		139.7000	139.7000	4.5800e-003		139.8146
Total	0.0628	0.0448	0.5103	1.4000e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		139.7000	139.7000	4.5800e-003		139.8146

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 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					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	8.1298	1.2660	9.3958	4.4688	1.1647	5.6336	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0628	0.0448	0.5103	1.4000e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		139.7000	139.7000	4.5800e-003		139.8146
Total	0.0628	0.0448	0.5103	1.4000e-003	0.1479	1.1200e-003	0.1490	0.0392	1.0300e-003	0.0403		139.7000	139.7000	4.5800e-003		139.8146

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0403	0.4691	1.3500e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		134.3143	134.3143	4.1100e-003		134.4170
Total	0.0586	0.0403	0.4691	1.3500e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		134.3143	134.3143	4.1100e-003		134.4170

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	8.1298	1.2294	9.3592	4.4688	1.1310	5.5998	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0403	0.4691	1.3500e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		134.3143	134.3143	4.1100e-003		134.4170
Total	0.0586	0.0403	0.4691	1.3500e-003	0.1479	1.0800e-003	0.1490	0.0392	1.0000e-003	0.0402		134.3143	134.3143	4.1100e-003		134.4170

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0550	0.0364	0.4324	1.2900e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		128.9812	128.9812	3.7100e-003		129.0739
Total	0.0550	0.0364	0.4324	1.2900e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		128.9812	128.9812	3.7100e-003		129.0739

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	8.1298	1.0868	9.2166	4.4688	0.9999	5.4687	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0550	0.0364	0.4324	1.2900e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		128.9812	128.9812	3.7100e-003		129.0739
Total	0.0550	0.0364	0.4324	1.2900e-003	0.1479	1.0600e-003	0.1489	0.0392	9.8000e-004	0.0402		128.9812	128.9812	3.7100e-003		129.0739

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0518	0.0330	0.3987	1.2400e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		123.8164	123.8164	3.3400e-003		123.8998
Total	0.0518	0.0330	0.3987	1.2400e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		123.8164	123.8164	3.3400e-003		123.8998

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.10 Phase II - Drainage/Utilities - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	8.1298	1.0868	9.2166	4.4688	0.9999	5.4687	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0518	0.0330	0.3987	1.2400e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		123.8164	123.8164	3.3400e-003		123.8998
Total	0.0518	0.0330	0.3987	1.2400e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		123.8164	123.8164	3.3400e-003		123.8998

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.2676	48.8822	9.6802	0.1615	3.9886	0.0620	4.0506	1.1483	0.0593	1.2075		16,975.19 03	16,975.19 03	0.6473		16,991.37 20
Worker	5.3075	3.3869	40.8697	0.1273	15.1562	0.1044	15.2606	4.0201	0.0961	4.1163		12,691.17 58	12,691.17 58	0.3422		12,699.72 96
Total	6.5750	52.2692	50.5500	0.2889	19.1448	0.1664	19.3112	5.1684	0.1554	5.3238		29,666.36 61	29,666.36 61	0.9894		29,691.10 16

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.2676	48.8822	9.6802	0.1615	3.9886	0.0620	4.0506	1.1483	0.0593	1.2075		16,975.19 03	16,975.19 03	0.6473		16,991.37 20
Worker	5.3075	3.3869	40.8697	0.1273	15.1562	0.1044	15.2606	4.0201	0.0961	4.1163		12,691.17 58	12,691.17 58	0.3422		12,699.72 96
Total	6.5750	52.2692	50.5500	0.2889	19.1448	0.1664	19.3112	5.1684	0.1554	5.3238		29,666.36 61	29,666.36 61	0.9894		29,691.10 16

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.2260	48.1211	9.2580	0.1607	3.9887	0.0589	4.0475	1.1483	0.0563	1.2046		16,890.97 69	16,890.97 69	0.6402		16,906.98 28
Worker	4.9951	3.0755	37.8804	0.1229	15.1562	0.0983	15.2545	4.0201	0.0904	4.1106		12,254.77 04	12,254.77 04	0.3097		12,262.51 22
Total	6.2211	51.1966	47.1383	0.2836	19.1449	0.1571	19.3020	5.1684	0.1467	5.3152		29,145.74 74	29,145.74 74	0.9499		29,169.49 50

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.2260	48.1211	9.2580	0.1607	3.9887	0.0589	4.0475	1.1483	0.0563	1.2046		16,890.97 69	16,890.97 69	0.6402		16,906.98 28
Worker	4.9951	3.0755	37.8804	0.1229	15.1562	0.0983	15.2545	4.0201	0.0904	4.1106		12,254.77 04	12,254.77 04	0.3097		12,262.51 22
Total	6.2211	51.1966	47.1383	0.2836	19.1449	0.1571	19.3020	5.1684	0.1467	5.3152		29,145.74 74	29,145.74 74	0.9499		29,169.49 50

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1915	47.4951	8.9374	0.1600	3.9887	0.0562	4.0449	1.1483	0.0537	1.2020		16,822.01 62	16,822.01 62	0.6313		16,837.79 86
Worker	4.6781	2.8004	35.2575	0.1190	15.1562	0.0914	15.2477	4.0201	0.0841	4.1043		11,867.563 4	11,867.563 4	0.2816		11,874.603 4
Total	5.8695	50.2955	44.1949	0.2791	19.1449	0.1476	19.2926	5.1684	0.1379	5.3063		28,689.57 96	28,689.57 96	0.9129		28,712.40 20

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1915	47.4951	8.9374	0.1600	3.9887	0.0562	4.0449	1.1483	0.0537	1.2020		16,822.01 62	16,822.01 62	0.6313		16,837.79 86
Worker	4.6781	2.8004	35.2575	0.1190	15.1562	0.0914	15.2477	4.0201	0.0841	4.1043		11,867.563 4	11,867.563 4	0.2816		11,874.603 4
Total	5.8695	50.2955	44.1949	0.2791	19.1449	0.1476	19.2926	5.1684	0.1379	5.3063		28,689.57 96	28,689.57 96	0.9129		28,712.40 20

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1614	46.9269	8.6516	0.1595	3.9888	0.0538	4.0426	1.1483	0.0514	1.1998		16,761.78 14	16,761.78 14	0.6241		16,777.38 41
Worker	4.3380	2.5434	32.7215	0.1156	15.1562	0.0851	15.2413	4.0201	0.0783	4.0984		11,523.948 5	11,523.948 5	0.2543		11,530.306 9
Total	5.4994	49.4702	41.3731	0.2750	19.1450	0.1389	19.2839	5.1685	0.1297	5.2982		28,285.72 99	28,285.72 99	0.8784		28,307.69 10

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1614	46.9269	8.6516	0.1595	3.9888	0.0538	4.0426	1.1483	0.0514	1.1998		16,761.78 14	16,761.78 14	0.6241		16,777.38 41
Worker	4.3380	2.5434	32.7215	0.1156	15.1562	0.0851	15.2413	4.0201	0.0783	4.0984		11,523.948 5	11,523.948 5	0.2543		11,530.306 9
Total	5.4994	49.4702	41.3731	0.2750	19.1450	0.1389	19.2839	5.1685	0.1297	5.2982		28,285.72 99	28,285.72 99	0.8784		28,307.69 10

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1371	46.4421	8.4362	0.1590	3.9888	0.0517	4.0405	1.1483	0.0494	1.1978		16,716.1975	16,716.1975	0.6160		16,731.5973
Worker	4.0037	2.3064	30.4531	0.1125	15.1562	0.0791	15.2354	4.0201	0.0728	4.0929		11,220.1731	11,220.1731	0.2299		11,225.9216
Total	5.1408	48.7484	38.8893	0.2715	19.1450	0.1308	19.2759	5.1685	0.1222	5.2907		27,936.3706	27,936.3706	0.8459		27,957.5189

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1371	46.4421	8.4362	0.1590	3.9888	0.0517	4.0405	1.1483	0.0494	1.1978		16,716.1975	16,716.1975	0.6160		16,731.5973
Worker	4.0037	2.3064	30.4531	0.1125	15.1562	0.0791	15.2354	4.0201	0.0728	4.0929		11,220.1731	11,220.1731	0.2299		11,225.9216
Total	5.1408	48.7484	38.8893	0.2715	19.1450	0.1308	19.2759	5.1685	0.1222	5.2907		27,936.3706	27,936.3706	0.8459		27,957.5189

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1164	46.0232	8.2520	0.1587	3.9889	0.0498	4.0387	1.1484	0.0476	1.1960		16,683.5319	16,683.5319	0.6106		16,698.7959
Worker	3.6480	2.0801	28.2734	0.1098	15.1562	0.0737	15.2299	4.0201	0.0678	4.0879		10,952.3568	10,952.3568	0.2066		10,957.5223
Total	4.7644	48.1034	36.5254	0.2685	19.1451	0.1235	19.2686	5.1685	0.1154	5.2839		27,635.8887	27,635.8887	0.8172		27,656.3182

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.1164	46.0232	8.2520	0.1587	3.9889	0.0498	4.0387	1.1484	0.0476	1.1960		16,683.5319	16,683.5319	0.6106		16,698.7959
Worker	3.6480	2.0801	28.2734	0.1098	15.1562	0.0737	15.2299	4.0201	0.0678	4.0879		10,952.3568	10,952.3568	0.2066		10,957.5223
Total	4.7644	48.1034	36.5254	0.2685	19.1451	0.1235	19.2686	5.1685	0.1154	5.2839		27,635.8887	27,635.8887	0.8172		27,656.3182

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0998	45.6576	8.1132	0.1585	3.9889	0.0482	4.0371	1.1484	0.0460	1.1944		16,664.5457	16,664.5457	0.6060		16,679.6948
Worker	3.3364	1.8853	26.3776	0.1074	15.1562	0.0686	15.2249	4.0201	0.0631	4.0833		10,717.6725	10,717.6725	0.1864		10,722.3326
Total	4.4362	47.5429	34.4907	0.2659	19.1451	0.1168	19.2619	5.1685	0.1092	5.2777		27,382.2181	27,382.2181	0.7924		27,402.0274

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0998	45.6576	8.1132	0.1585	3.9889	0.0482	4.0371	1.1484	0.0460	1.1944		16,664.5457	16,664.5457	0.6060		16,679.6948
Worker	3.3364	1.8853	26.3776	0.1074	15.1562	0.0686	15.2249	4.0201	0.0631	4.0833		10,717.6725	10,717.6725	0.1864		10,722.3326
Total	4.4362	47.5429	34.4907	0.2659	19.1451	0.1168	19.2619	5.1685	0.1092	5.2777		27,382.2181	27,382.2181	0.7924		27,402.0274

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0868	45.3440	8.0014	0.1584	3.9889	0.0468	4.0357	1.1484	0.0447	1.1931		16,654.1343	16,654.1343	0.6024		16,669.1952
Worker	3.0731	1.7227	24.7763	0.1053	15.1562	0.0642	15.2204	4.0201	0.0590	4.0792		10,513.3120	10,513.3120	0.1693		10,517.5453
Total	4.1599	47.0667	32.7777	0.2637	19.1452	0.1109	19.2561	5.1685	0.1037	5.2722		27,167.4463	27,167.4463	0.7718		27,186.7405

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0868	45.3440	8.0014	0.1584	3.9889	0.0468	4.0357	1.1484	0.0447	1.1931		16,654.1343	16,654.1343	0.6024		16,669.1952
Worker	3.0731	1.7227	24.7763	0.1053	15.1562	0.0642	15.2204	4.0201	0.0590	4.0792		10,513.3120	10,513.3120	0.1693		10,517.5453
Total	4.1599	47.0667	32.7777	0.2637	19.1452	0.1109	19.2561	5.1685	0.1037	5.2722		27,167.4463	27,167.4463	0.7718		27,186.7405

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0751	45.0701	7.9003	0.1584	3.9890	0.0454	4.0344	1.1484	0.0434	1.1918		16,651.0203	16,651.0203	0.5990		16,665.9952
Worker	2.8490	1.5874	23.2874	0.1035	15.1562	0.0600	15.2163	4.0201	0.0552	4.0753		10,335.1996	10,335.1996	0.1535		10,339.0374
Total	3.9241	46.6575	31.1877	0.2619	19.1452	0.1055	19.2506	5.1685	0.0986	5.2672		26,986.2199	26,986.2199	0.7525		27,005.0325

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.11 Phase II - 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
Vendor	1.0751	45.0701	7.9003	0.1584	3.9890	0.0454	4.0344	1.1484	0.0434	1.1918		16,651.0203	16,651.0203	0.5990		16,665.9952
Worker	2.8490	1.5874	23.2874	0.1035	15.1562	0.0600	15.2163	4.0201	0.0552	4.0753		10,335.1996	10,335.1996	0.1535		10,339.0374
Total	3.9241	46.6575	31.1877	0.2619	19.1452	0.1055	19.2506	5.1685	0.0986	5.2672		26,986.2199	26,986.2199	0.7525		27,005.0325

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.12 Phase II - Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	3.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7618	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0432	0.0275	0.3323	1.0400e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		103.1803	103.1803	2.7800e-003		103.2498
Total	0.0432	0.0275	0.3323	1.0400e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		103.1803	103.1803	2.7800e-003		103.2498

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.12 Phase II - Paving - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	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	3.8466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	4.7618	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0432	0.0275	0.3323	1.0400e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		103.1803	103.1803	2.7800e-003		103.2498
Total	0.0432	0.0275	0.3323	1.0400e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		103.1803	103.1803	2.7800e-003		103.2498

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.0615	0.6774	8.1739	0.0255	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,538.2352	2,538.2352	0.0684		2,539.9459
Total	1.0615	0.6774	8.1739	0.0255	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,538.2352	2,538.2352	0.0684		2,539.9459

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.0615	0.6774	8.1739	0.0255	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,538.235 2	2,538.235 2	0.0684		2,539.945 9
Total	1.0615	0.6774	8.1739	0.0255	3.0313	0.0209	3.0521	0.8040	0.0192	0.8233		2,538.235 2	2,538.235 2	0.0684		2,539.945 9

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9990	0.6151	7.5761	0.0246	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,450.9541	2,450.9541	0.0619		2,452.5024
Total	0.9990	0.6151	7.5761	0.0246	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,450.9541	2,450.9541	0.0619		2,452.5024

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9990	0.6151	7.5761	0.0246	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,450.9541	2,450.9541	0.0619		2,452.5024
Total	0.9990	0.6151	7.5761	0.0246	3.0313	0.0197	3.0509	0.8040	0.0181	0.8221		2,450.9541	2,450.9541	0.0619		2,452.5024

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9356	0.5601	7.0515	0.0238	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,373.5127	2,373.5127	0.0563		2,374.9207
Total	0.9356	0.5601	7.0515	0.0238	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,373.5127	2,373.5127	0.0563		2,374.9207

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.9356	0.5601	7.0515	0.0238	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,373.5127	2,373.5127	0.0563		2,374.9207
Total	0.9356	0.5601	7.0515	0.0238	3.0313	0.0183	3.0495	0.8040	0.0168	0.8209		2,373.5127	2,373.5127	0.0563		2,374.9207

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8676	0.5087	6.5443	0.0231	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,304.7897	2,304.7897	0.0509		2,306.0614
Total	0.8676	0.5087	6.5443	0.0231	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,304.7897	2,304.7897	0.0509		2,306.0614

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.1397	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8676	0.5087	6.5443	0.0231	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,304.7897	2,304.7897	0.0509		2,306.0614
Total	0.8676	0.5087	6.5443	0.0231	3.0313	0.0170	3.0483	0.8040	0.0157	0.8197		2,304.7897	2,304.7897	0.0509		2,306.0614

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8007	0.4613	6.0906	0.0225	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,244.0346	2,244.0346	0.0460		2,245.1843
Total	0.8007	0.4613	6.0906	0.0225	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,244.0346	2,244.0346	0.0460		2,245.1843

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8007	0.4613	6.0906	0.0225	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,244.0346	2,244.0346	0.0460		2,245.1843
Total	0.8007	0.4613	6.0906	0.0225	3.0313	0.0158	3.0471	0.8040	0.0146	0.8186		2,244.0346	2,244.0346	0.0460		2,245.1843

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7296	0.4160	5.6547	0.0220	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,190.4714	2,190.4714	0.0413		2,191.5045
Total	0.7296	0.4160	5.6547	0.0220	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,190.4714	2,190.4714	0.0413		2,191.5045

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7296	0.4160	5.6547	0.0220	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,190.4714	2,190.4714	0.0413		2,191.5045
Total	0.7296	0.4160	5.6547	0.0220	3.0313	0.0147	3.0460	0.8040	0.0136	0.8176		2,190.4714	2,190.4714	0.0413		2,191.5045

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6673	0.3771	5.2755	0.0215	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,143.5345	2,143.5345	0.0373		2,144.4665
Total	0.6673	0.3771	5.2755	0.0215	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,143.5345	2,143.5345	0.0373		2,144.4665

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6673	0.3771	5.2755	0.0215	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,143.5345	2,143.5345	0.0373		2,144.4665
Total	0.6673	0.3771	5.2755	0.0215	3.0313	0.0137	3.0450	0.8040	0.0126	0.8167		2,143.5345	2,143.5345	0.0373		2,144.4665

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6146	0.3445	4.9553	0.0211	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		2,102.6624	2,102.6624	0.0339		2,103.5091
Total	0.6146	0.3445	4.9553	0.0211	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		2,102.6624	2,102.6624	0.0339		2,103.5091

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6146	0.3445	4.9553	0.0211	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		2,102.6624	2,102.6624	0.0339		2,103.5091
Total	0.6146	0.3445	4.9553	0.0211	3.0313	0.0128	3.0441	0.8040	0.0118	0.8158		2,102.6624	2,102.6624	0.0339		2,103.5091

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5698	0.3175	4.6575	0.0207	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		2,067.0399	2,067.0399	0.0307		2,067.8075
Total	0.5698	0.3175	4.6575	0.0207	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		2,067.0399	2,067.0399	0.0307		2,067.8075

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

3.13 Phase II - 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	3.9689					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	4.0996	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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5698	0.3175	4.6575	0.0207	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		2,067.0399	2,067.0399	0.0307		2,067.8075
Total	0.5698	0.3175	4.6575	0.0207	3.0313	0.0120	3.0433	0.8040	0.0110	0.8151		2,067.0399	2,067.0399	0.0307		2,067.8075

4.0 Operational Detail - Mobile

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

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	10.9933	67.6100	107.1483	0.5346	51.2561	0.2688	51.5248	13.7109	0.2502	13.9611		54,544.96 92	54,544.96 92	2.0686		54,596.68 33
Unmitigated	10.9933	67.6100	107.1483	0.5346	51.2561	0.2688	51.5248	13.7109	0.2502	13.9611		54,544.96 92	54,544.96 92	2.0686		54,596.68 33

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,400.00	1,200.00	948.00	5,822,427	5,822,427
Arena	240.25	240.25	240.25	466,551	466,551
City Park	62.50	62.50	62.50	133,428	133,428
Hotel	1,300.00	1,300.00	650.00	2,293,488	2,293,488
Manufacturing	25.00	25.00	12.50	67,774	67,774
Office Park	125.00	12.50	12.50	232,723	232,723
Other Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	1,922.00	1,922.00	1,922.00	2,279,813	2,279,813
Single Family Housing	3,540.00	3,540.00	3,540.00	10,197,889	10,197,889
Strip Mall	808.50	808.50	808.50	1,245,117	1,245,117
Total	10,423.25	9,110.75	8,196.25	22,739,210	22,739,210

4.3 Trip Type Information

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Arena	9.50	7.30	7.30	0.00	81.00	19.00	66	28	6
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Manufacturing	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3
Office Park	9.50	7.30	7.30	33.00	48.00	19.00	82	15	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Quality Restaurant	9.50	7.30	7.30	12.00	69.00	19.00	38	18	44
Single Family Housing	10.80	7.30	7.50	44.00	19.00	37.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Arena	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
City Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Hotel	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Manufacturing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Office Park	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Quality Restaurant	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Single Family Housing	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Strip Mall	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390
NaturalGas Unmitigated	1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14201.8	0.1532	1.3088	0.5569	8.3500e-003		0.1058	0.1058		0.1058	0.1058		1,670.8042	1,670.8042	0.0320	0.0306	1,680.7329
Arena	2694.75	0.0291	0.2642	0.2219	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.0293	317.0293	6.0800e-003	5.8100e-003	318.9133
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	21487.6	0.2317	2.1066	1.7696	0.0126		0.1601	0.1601		0.1601	0.1601		2,527.9542	2,527.9542	0.0485	0.0464	2,542.9766
Manufacturing	1402.05	0.0151	0.1375	0.1155	8.2000e-004		0.0105	0.0105		0.0105	0.0105		164.9476	164.9476	3.1600e-003	3.0200e-003	165.9278
Office Park	1014.38	0.0109	0.0995	0.0835	6.0000e-004		7.5600e-003	7.5600e-003		7.5600e-003	7.5600e-003		119.3392	119.3392	2.2900e-003	2.1900e-003	120.0484
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	24980.7	0.2694	2.4491	2.0572	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.9099	2,938.9099	0.0563	0.0539	2,956.3744
Single Family Housing	66075.3	0.7126	6.0893	2.5912	0.0389		0.4923	0.4923		0.4923	0.4923		7,773.5605	7,773.5605	0.1490	0.1425	7,819.7548
Strip Mall	245.134	2.6400e-003	0.0240	0.0202	1.4000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003		28.8393	28.8393	5.5000e-004	5.3000e-004	29.0107
Total		1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	14.2018	0.1532	1.3088	0.5569	8.3500e-003		0.1058	0.1058		0.1058	0.1058		1,670.8042	1,670.8042	0.0320	0.0306	1,680.7329
Arena	2.69475	0.0291	0.2642	0.2219	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.0293	317.0293	6.0800e-003	5.8100e-003	318.9133
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	21.4876	0.2317	2.1066	1.7696	0.0126		0.1601	0.1601		0.1601	0.1601		2,527.9542	2,527.9542	0.0485	0.0464	2,542.9766
Manufacturing	1.40205	0.0151	0.1375	0.1155	8.2000e-004		0.0105	0.0105		0.0105	0.0105		164.9476	164.9476	3.1600e-003	3.0200e-003	165.9278
Office Park	1.01438	0.0109	0.0995	0.0835	6.0000e-004		7.5600e-003	7.5600e-003		7.5600e-003	7.5600e-003		119.3392	119.3392	2.2900e-003	2.1900e-003	120.0484
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	24.9807	0.2694	2.4491	2.0572	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.9099	2,938.9099	0.0563	0.0539	2,956.3744
Single Family Housing	66.0753	0.7126	6.0893	2.5912	0.0389		0.4923	0.4923		0.4923	0.4923		7,773.5605	7,773.5605	0.1490	0.1425	7,819.7548
Strip Mall	0.245134	2.6400e-003	0.0240	0.0202	1.4000e-004		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003		28.8393	28.8393	5.5000e-004	5.3000e-004	29.0107
Total		1.4246	12.4789	7.4160	0.0777		0.9843	0.9843		0.9843	0.9843		15,541.3843	15,541.3843	0.2979	0.2849	15,633.7390

6.0 Area Detail

6.1 Mitigation Measures Area

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829
Unmitigated	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

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	10.2395					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.8353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6556	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796		220.7249	220.7249	0.2103		225.9829
Total	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

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	10.2395					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	61.8353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.6556	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796		220.7249	220.7249	0.2103		225.9829
Total	75.7303	1.4090	122.1416	6.4700e-003		0.6796	0.6796		0.6796	0.6796	0.0000	220.7249	220.7249	0.2103	0.0000	225.9829

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Campus Town Specific Plan - Monterey Bay Unified APCD Air District, Summer

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

Campus Town Specific Plan

Electricity Calculations		
Total Electricity Usage (MWH)	Electricity Supplied by MBCP (97%)	Electricity Supplied by PG&E (3%)
6,344.14	6,153.81	190.32

GHG Emission Calculations							
	MBCP		PG&E		CO2E Conversion Calculations		
	Energy Intensity Factor (lbs/MWh)	Emissions (lbs)	Energy Intensity Factor (lbs/MWh)	Emissions (lbs)	Total Emissions (lbs)	Total CO2E Emissions (lbs)	Total CO2E Emissions (MT)
CO2	2	12,307.62	218.73	41,629.58	53,937.20	53,937.20	24.47
CH4	0.01	61.54	0.01	1.90	63.44	1,586.03	0.72
N2O	0.002	12.31	0.002	0.38	12.69	3,781.10	1.72
TOTAL GHG EMISSIONS FROM ELECTRICITY							26.90

Notes
- Total Electricity Usage sourced from CalEEMod, Table 5.3
- Total Electricity Usage does not include electricity demand from Single Family Residences and Multi-Family Residences because it is assumed that electricity demand will be met through rooftop photovoltaic systems required by the 2019 Building Energy Efficiency Standards.
- CO2 Energy Intensity Factor for MBCP from "Cities of San Luis Obispo and Morro Bay to Join Monterey Bay Community power (MBCP)" published December 5, 2018.
- Energy Intensity Factors for PG&E based on CalEEMod defaults and linear interpolation of RPS targets for 2030 and 2045.
- CH4 conversion assumes 1 lb CH4 is equivalent to 25 lbs CO2E (per U.S. EPA Greenhouse Gas Equivalencies Calculator)
- N2O conversion assumes 1 lb N2O is equivalent to 298 lbs CO2E (per U.S. EPA Greenhouse Gas Equivalencies Calculator)

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 17-04453, Seaside Campustown Specific Plan

Vehicle Population Breakdown*	
434274	Gasoline vehicles
10176	Diesel vehicles
97.7%	Gasoline vehicle %
2.3%	Diesel vehicle %

VMT per Vehicle Type	
22738405	Project VMT (CalEEMod output)
22217776	Gasoline vehicle VMT
520629	Diesel vehicle VMT

Gasoline Vehicles	
97.7%	Gasoline vehicle %
11.8424	Tons per year mobile NOX emissions (annual output in CalEEMod)
11.57	Gasoline vehicle tons per year NOX emissions
4.16%	Percentage to convert NOX emissions to N2O **
0.4814	Tons per year N2O emissions for gasoline vehicles
0.4367	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
0.3316	grams N2O per gallon of fuel for diesel vehicles**
29.74	Diesel average miles per gallon*
0.01115	grams per mile N2O for diesel vehicles
5804.1	grams per year N2O for diesel vehicles
0.0058041	Metric tons per year N2O emissions for diesel vehicles

CO2E Emissions from N2O	
0.4425	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
131.9	CO2E emissions per year from N2O emissions from gasoline + diesel vehicles

Sources
<p>*Vehicle population source: EMFAC2014 (v1.0.7) Emissions Inventory Region Type: Air District Region: Monterey Bay Unified APCD Calendar Year: 2034 Season: Annual Vehicle Classification: EMFAC2011 Categories</p>
<p>**Methodology source: EMFAC2011 Frequently Asked Questions https://www.arb.ca.gov/msei/emfac2011-faq.htm</p>
<p>***GWP source: Intergovernmental Panel on Climate Change (IPCC). 2007. Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.</p>

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

CTSP Offsite Improvements
Monterey Bay Unified APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	15.00	1000sqft	0.34	15,000.00	0
Other Asphalt Surfaces	376.00	1000sqft	8.63	376,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	417.62	CH4 Intensity (lb/MW hr)	0.019	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

Project Characteristics - RPS of 44% by 2024

Land Use - Fire station, two roundabouts, and lane widening.

Construction Phase - Based on earliest possible construction to be conservative.

Trips and VMT -

Demolition -

Grading -

Architectural Coating - Compliance with MBARD Rule 426.

Vehicle Trips -

Woodstoves -

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.019
tblProjectCharacteristics	CO2IntensityFactor	641.35	417.62
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

2.0 Emissions Summary

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2021	6-30-2021	0.9003	0.9003
2	7-1-2021	9-30-2021	0.9185	0.9185
3	10-1-2021	12-31-2021	0.9267	0.9267
4	1-1-2022	3-31-2022	0.7594	0.7594
5	4-1-2022	6-30-2022	0.2635	0.2635
		Highest	0.9267	0.9267

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103
Energy	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	63.7663	63.7663	2.5600e-003	7.3000e-004	64.0464
Mobile	0.0486	0.3386	0.4797	2.2800e-003	0.2146	1.1900e-003	0.2158	0.0575	1.1100e-003	0.0587	0.0000	210.8269	210.8269	9.0100e-003	0.0000	211.0521
Waste						0.0000	0.0000		0.0000	0.0000	17.3557	0.0000	17.3557	1.0257	0.0000	42.9981
Water						0.0000	0.0000		0.0000	0.0000	0.9454	4.2653	5.2107	0.0973	2.3300e-003	8.3384
Total	0.1515	0.3507	0.4948	2.3500e-003	0.2146	2.1200e-003	0.2167	0.0575	2.0400e-003	0.0596	18.3011	278.8682	297.1693	1.1346	3.0600e-003	326.4454

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103
Energy	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	63.7663	63.7663	2.5600e-003	7.3000e-004	64.0464
Mobile	0.0486	0.3386	0.4797	2.2800e-003	0.2146	1.1900e-003	0.2158	0.0575	1.1100e-003	0.0587	0.0000	210.8269	210.8269	9.0100e-003	0.0000	211.0521
Waste						0.0000	0.0000		0.0000	0.0000	17.3557	0.0000	17.3557	1.0257	0.0000	42.9981
Water						0.0000	0.0000		0.0000	0.0000	0.9454	4.2653	5.2107	0.0973	2.3300e-003	8.3384
Total	0.1515	0.3507	0.4948	2.3500e-003	0.2146	2.1200e-003	0.2167	0.0575	2.0400e-003	0.0596	18.3011	278.8682	297.1693	1.1346	3.0600e-003	326.4454

	ROG	NOx	CO	SO2	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

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2021	4/28/2021	5	20	
2	Building Construction	Building Construction	4/29/2021	3/16/2022	5	230	
3	Paving	Paving	3/17/2022	4/13/2022	5	20	
4	Architectural Coating	Architectural Coating	4/14/2022	5/11/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 8.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,500; Non-Residential Outdoor: 7,500; Striped Parking Area: 22,560 (Architectural Coating – sqft)

OffRoad Equipment

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	163.00	64.00	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	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2644
Total	0.0229	0.2474	0.1586	3.0000e-004	0.0655	0.0116	0.0771	0.0337	0.0107	0.0443	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2644

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	5.3000e-004	4.8500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0734	1.0734	4.0000e-005	0.0000	1.0744
Total	6.0000e-004	5.3000e-004	4.8500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0734	1.0734	4.0000e-005	0.0000	1.0744

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0295	0.0000	0.0295	0.0152	0.0000	0.0152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2643
Total	0.0229	0.2474	0.1586	3.0000e-004	0.0295	0.0116	0.0411	0.0152	0.0107	0.0258	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	5.3000e-004	4.8500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0734	1.0734	4.0000e-005	0.0000	1.0744
Total	6.0000e-004	5.3000e-004	4.8500e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0734	1.0734	4.0000e-005	0.0000	1.0744

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3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1682	1.5427	1.4669	2.3800e-003		0.0848	0.0848		0.0798	0.0798	0.0000	204.9990	204.9990	0.0495	0.0000	206.2354
Total	0.1682	1.5427	1.4669	2.3800e-003		0.0848	0.0848		0.0798	0.0798	0.0000	204.9990	204.9990	0.0495	0.0000	206.2354

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0209	0.6461	0.1570	1.6100e-003	0.0374	1.9600e-003	0.0393	0.0108	1.8800e-003	0.0127	0.0000	153.4049	153.4049	8.0900e-003	0.0000	153.6072
Worker	0.0579	0.0511	0.4667	1.1400e-003	0.1148	9.6000e-004	0.1157	0.0305	8.8000e-004	0.0314	0.0000	103.2299	103.2299	3.9700e-003	0.0000	103.3292
Total	0.0788	0.6971	0.6238	2.7500e-003	0.1521	2.9200e-003	0.1550	0.0413	2.7600e-003	0.0441	0.0000	256.6348	256.6348	0.0121	0.0000	256.9364

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3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1682	1.5427	1.4669	2.3800e-003		0.0848	0.0848		0.0798	0.0798	0.0000	204.9988	204.9988	0.0495	0.0000	206.2352
Total	0.1682	1.5427	1.4669	2.3800e-003		0.0848	0.0848		0.0798	0.0798	0.0000	204.9988	204.9988	0.0495	0.0000	206.2352

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0209	0.6461	0.1570	1.6100e-003	0.0374	1.9600e-003	0.0393	0.0108	1.8800e-003	0.0127	0.0000	153.4049	153.4049	8.0900e-003	0.0000	153.6072
Worker	0.0579	0.0511	0.4667	1.1400e-003	0.1148	9.6000e-004	0.1157	0.0305	8.8000e-004	0.0314	0.0000	103.2299	103.2299	3.9700e-003	0.0000	103.3292
Total	0.0788	0.6971	0.6238	2.7500e-003	0.1521	2.9200e-003	0.1550	0.0413	2.7600e-003	0.0441	0.0000	256.6348	256.6348	0.0121	0.0000	256.9364

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3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0452	0.4138	0.4336	7.1000e-004		0.0214	0.0214		0.0202	0.0202	0.0000	61.4072	61.4072	0.0147	0.0000	61.7750
Total	0.0452	0.4138	0.4336	7.1000e-004		0.0214	0.0214		0.0202	0.0202	0.0000	61.4072	61.4072	0.0147	0.0000	61.7750

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7500e-003	0.1829	0.0425	4.8000e-004	0.0112	5.1000e-004	0.0117	3.2300e-003	4.9000e-004	3.7200e-003	0.0000	45.5192	45.5192	2.3600e-003	0.0000	45.5782
Worker	0.0161	0.0137	0.1274	3.3000e-004	0.0344	2.8000e-004	0.0346	9.1400e-003	2.5000e-004	9.3900e-003	0.0000	29.8209	29.8209	1.0600e-003	0.0000	29.8474
Total	0.0219	0.1966	0.1700	8.1000e-004	0.0456	7.9000e-004	0.0463	0.0124	7.4000e-004	0.0131	0.0000	75.3401	75.3401	3.4200e-003	0.0000	75.4256

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3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0452	0.4138	0.4336	7.1000e-004		0.0214	0.0214		0.0202	0.0202	0.0000	61.4071	61.4071	0.0147	0.0000	61.7749
Total	0.0452	0.4138	0.4336	7.1000e-004		0.0214	0.0214		0.0202	0.0202	0.0000	61.4071	61.4071	0.0147	0.0000	61.7749

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7500e-003	0.1829	0.0425	4.8000e-004	0.0112	5.1000e-004	0.0117	3.2300e-003	4.9000e-004	3.7200e-003	0.0000	45.5192	45.5192	2.3600e-003	0.0000	45.5782
Worker	0.0161	0.0137	0.1274	3.3000e-004	0.0344	2.8000e-004	0.0346	9.1400e-003	2.5000e-004	9.3900e-003	0.0000	29.8209	29.8209	1.0600e-003	0.0000	29.8474
Total	0.0219	0.1966	0.1700	8.1000e-004	0.0456	7.9000e-004	0.0463	0.0124	7.4000e-004	0.0131	0.0000	75.3401	75.3401	3.4200e-003	0.0000	75.4256

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3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0223	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-004	4.8000e-004	4.4200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0356	1.0356	4.0000e-005	0.0000	1.0365
Total	5.6000e-004	4.8000e-004	4.4200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0356	1.0356	4.0000e-005	0.0000	1.0365

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3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0113					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0223	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6000e-004	4.8000e-004	4.4200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0356	1.0356	4.0000e-005	0.0000	1.0365
Total	5.6000e-004	4.8000e-004	4.4200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0356	1.0356	4.0000e-005	0.0000	1.0365

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1827					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	0.1848	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2300e-003	1.0500e-003	9.7300e-003	3.0000e-005	2.6300e-003	2.0000e-005	2.6500e-003	7.0000e-004	2.0000e-005	7.2000e-004	0.0000	2.2783	2.2783	8.0000e-005	0.0000	2.2803
Total	1.2300e-003	1.0500e-003	9.7300e-003	3.0000e-005	2.6300e-003	2.0000e-005	2.6500e-003	7.0000e-004	2.0000e-005	7.2000e-004	0.0000	2.2783	2.2783	8.0000e-005	0.0000	2.2803

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3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1827					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
Total	0.1848	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2300e-003	1.0500e-003	9.7300e-003	3.0000e-005	2.6300e-003	2.0000e-005	2.6500e-003	7.0000e-004	2.0000e-005	7.2000e-004	0.0000	2.2783	2.2783	8.0000e-005	0.0000	2.2803
Total	1.2300e-003	1.0500e-003	9.7300e-003	3.0000e-005	2.6300e-003	2.0000e-005	2.6500e-003	7.0000e-004	2.0000e-005	7.2000e-004	0.0000	2.2783	2.2783	8.0000e-005	0.0000	2.2803

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0486	0.3386	0.4797	2.2800e-003	0.2146	1.1900e-003	0.2158	0.0575	1.1100e-003	0.0587	0.0000	210.8269	210.8269	9.0100e-003	0.0000	211.0521
Unmitigated	0.0486	0.3386	0.4797	2.2800e-003	0.2146	1.1900e-003	0.2158	0.0575	1.1100e-003	0.0587	0.0000	210.8269	210.8269	9.0100e-003	0.0000	211.0521

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	418.80	0.00	0.00	571,853	571,853
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	418.80	0.00	0.00	571,853	571,853

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
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	50.6629	50.6629	2.3000e-003	4.9000e-004	50.8651
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	50.6629	50.6629	2.3000e-003	4.9000e-004	50.8651
NaturalGas Mitigated	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814
NaturalGas Unmitigated	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	245550	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Government (Civic Center)	245550	1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		1.3200e-003	0.0120	0.0101	7.0000e-005		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	13.1035	13.1035	2.5000e-004	2.4000e-004	13.1814

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government (Civic Center)	267450	50.6629	2.3000e-003	4.9000e-004	50.8651
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		50.6629	2.3000e-003	4.9000e-004	50.8651

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Government (Civic Center)	267450	50.6629	2.3000e-003	4.9000e-004	50.8651
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		50.6629	2.3000e-003	4.9000e-004	50.8651

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103
Unmitigated	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103

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	0.0183					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0829					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.5000e-004	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103
Total	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

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	0.0183					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0829					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.5000e-004	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103
Total	0.1016	4.0000e-005	4.9600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	9.7000e-003	9.7000e-003	2.0000e-005	0.0000	0.0103

7.0 Water Detail

7.1 Mitigation Measures Water

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.2107	0.0973	2.3300e-003	8.3384
Unmitigated	5.2107	0.0973	2.3300e-003	8.3384

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government (Civic Center)	2.9799 / 1.82639	5.2107	0.0973	2.3300e-003	8.3384
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		5.2107	0.0973	2.3300e-003	8.3384

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Government (Civic Center)	2.9799 / 1.82639	5.2107	0.0973	2.3300e-003	8.3384
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		5.2107	0.0973	2.3300e-003	8.3384

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	17.3557	1.0257	0.0000	42.9981
Unmitigated	17.3557	1.0257	0.0000	42.9981

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government (Civic Center)	85.5	17.3557	1.0257	0.0000	42.9981
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		17.3557	1.0257	0.0000	42.9981

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Government (Civic Center)	85.5	17.3557	1.0257	0.0000	42.9981
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		17.3557	1.0257	0.0000	42.9981

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Annual

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
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11.0 Vegetation

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

CTSP Offsite Improvements
Monterey Bay Unified APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	15.00	1000sqft	0.34	15,000.00	0
Other Asphalt Surfaces	376.00	1000sqft	8.63	376,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	417.62	CH4 Intensity (lb/MWhr)	0.019	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

Project Characteristics - RPS of 44% by 2024

Land Use - Fire station, two roundabouts, and lane widening.

Construction Phase - Based on earliest possible construction to be conservative.

Trips and VMT -

Demolition -

Grading -

Architectural Coating - Compliance with MBARD Rule 426.

Vehicle Trips -

Woodstoves -

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.019
tblProjectCharacteristics	CO2IntensityFactor	641.35	417.62
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

2.0 Emissions Summary

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Energy	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Mobile	0.3679	2.6114	3.9214	0.0173	1.7032	9.2300e-003	1.7124	0.4556	8.5900e-003	0.4642		1,765.709 1	1,765.709 1	0.0798		1,767.703 1
Total	0.9331	2.6777	4.0165	0.0177	1.7032	0.0144	1.7176	0.4556	0.0137	0.4694		1,844.940 5	1,844.940 5	0.0815	1.4500e-003	1,847.410 4

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Energy	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Mobile	0.3679	2.6114	3.9214	0.0173	1.7032	9.2300e-003	1.7124	0.4556	8.5900e-003	0.4642		1,765.709 1	1,765.709 1	0.0798		1,767.703 1
Total	0.9331	2.6777	4.0165	0.0177	1.7032	0.0144	1.7176	0.4556	0.0137	0.4694		1,844.940 5	1,844.940 5	0.0815	1.4500e-003	1,847.410 4

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2021	4/28/2021	5	20	
2	Building Construction	Building Construction	4/29/2021	3/16/2022	5	230	
3	Paving	Paving	3/17/2022	4/13/2022	5	20	
4	Architectural Coating	Architectural Coating	4/14/2022	5/11/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 8.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,500; Non-Residential Outdoor: 7,500; Striped Parking Area: 22,560 (Architectural Coating – sqft)

OffRoad Equipment

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	163.00	64.00	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	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.5523	1.1599	7.7123	3.3675	1.0671	4.4346		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839
Total	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.9486	1.1599	4.1085	1.5154	1.0671	2.5825	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839
Total	0.0663	0.0584	0.5049	1.1800e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		117.7696	117.7696	4.5700e-003		117.8839

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2458	7.2702	1.9286	0.0179	0.4333	0.0228	0.4561	0.1247	0.0218	0.1465		1,875.4635	1,875.4635	0.1069		1,878.1353
Worker	0.7203	0.6344	5.4866	0.0129	1.3390	0.0108	1.3498	0.3552	9.9700e-003	0.3651		1,279.7625	1,279.7625	0.0497		1,281.0054
Total	0.9662	7.9046	7.4152	0.0307	1.7723	0.0336	1.8059	0.4799	0.0317	0.5117		3,155.2260	3,155.2260	0.1566		3,159.1407

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2458	7.2702	1.9286	0.0179	0.4333	0.0228	0.4561	0.1247	0.0218	0.1465		1,875.4635	1,875.4635	0.1069		1,878.1353
Worker	0.7203	0.6344	5.4866	0.0129	1.3390	0.0108	1.3498	0.3552	9.9700e-003	0.3651		1,279.7625	1,279.7625	0.0497		1,281.0054
Total	0.9662	7.9046	7.4152	0.0307	1.7723	0.0336	1.8059	0.4799	0.0317	0.5117		3,155.2260	3,155.2260	0.1566		3,159.1407

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2257	6.8718	1.7476	0.0177	0.4333	0.0198	0.4532	0.1247	0.0190	0.1437		1,858.2018	1,858.2018	0.1042		1,860.8068
Worker	0.6694	0.5680	4.9962	0.0124	1.3390	0.0104	1.3494	0.3552	9.6200e-003	0.3648		1,234.6374	1,234.6374	0.0443		1,235.7457
Total	0.8952	7.4398	6.7438	0.0301	1.7723	0.0303	1.8026	0.4799	0.0286	0.5085		3,092.8391	3,092.8391	0.1485		3,096.5525

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2257	6.8718	1.7476	0.0177	0.4333	0.0198	0.4532	0.1247	0.0190	0.1437		1,858.2018	1,858.2018	0.1042		1,860.8068
Worker	0.6694	0.5680	4.9962	0.0124	1.3390	0.0104	1.3494	0.3552	9.6200e-003	0.3648		1,234.6374	1,234.6374	0.0443		1,235.7457
Total	0.8952	7.4398	6.7438	0.0301	1.7723	0.0303	1.8026	0.4799	0.0286	0.5085		3,092.8391	3,092.8391	0.1485		3,096.5525

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.1305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2334	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.1305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2334	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189
Total	0.0616	0.0523	0.4598	1.1400e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		113.6169	113.6169	4.0800e-003		113.7189

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2712					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.4757	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1355	0.1150	1.0115	2.5100e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		249.9573	249.9573	8.9800e-003		250.1817
Total	0.1355	0.1150	1.0115	2.5100e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		249.9573	249.9573	8.9800e-003		250.1817

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2712					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	18.4757	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1355	0.1150	1.0115	2.5100e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		249.9573	249.9573	8.9800e-003		250.1817
Total	0.1355	0.1150	1.0115	2.5100e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		249.9573	249.9573	8.9800e-003		250.1817

4.0 Operational Detail - Mobile

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3679	2.6114	3.9214	0.0173	1.7032	9.2300e-003	1.7124	0.4556	8.5900e-003	0.4642		1,765.7091	1,765.7091	0.0798		1,767.7031
Unmitigated	0.3679	2.6114	3.9214	0.0173	1.7032	9.2300e-003	1.7124	0.4556	8.5900e-003	0.4642		1,765.7091	1,765.7091	0.0798		1,767.7031

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	418.80	0.00	0.00	571,853	571,853
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	418.80	0.00	0.00	571,853	571,853

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
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
NaturalGas Unmitigated	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	672.74	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	0.67274	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

6.0 Area Detail

6.1 Mitigation Measures Area

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Unmitigated	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6300e-003	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Total	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6300e-003	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Total	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Winter

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
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

CTSP Offsite Improvements
Monterey Bay Unified APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	15.00	1000sqft	0.34	15,000.00	0
Other Asphalt Surfaces	376.00	1000sqft	8.63	376,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	417.62	CH4 Intensity (lb/MWhr)	0.019	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

Project Characteristics - RPS of 44% by 2024

Land Use - Fire station, two roundabouts, and lane widening.

Construction Phase - Based on earliest possible construction to be conservative.

Trips and VMT -

Demolition -

Grading -

Architectural Coating - Compliance with MBARD Rule 426.

Vehicle Trips -

Woodstoves -

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.019
tblProjectCharacteristics	CO2IntensityFactor	641.35	417.62
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004

2.0 Emissions Summary

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Energy	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Mobile	0.4125	2.5762	3.7044	0.0183	1.7032	9.1800e-003	1.7124	0.4556	8.5500e-003	0.4642		1,863.1358	1,863.1358	0.0747		1,865.0025
Total	0.9777	2.6425	3.7994	0.0187	1.7032	0.0143	1.7176	0.4556	0.0137	0.4693		1,942.3672	1,942.3672	0.0764	1.4500e-003	1,944.7098

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Energy	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Mobile	0.4125	2.5762	3.7044	0.0183	1.7032	9.1800e-003	1.7124	0.4556	8.5500e-003	0.4642		1,863.1358	1,863.1358	0.0747		1,865.0025
Total	0.9777	2.6425	3.7994	0.0187	1.7032	0.0143	1.7176	0.4556	0.0137	0.4693		1,942.3672	1,942.3672	0.0764	1.4500e-003	1,944.7098

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	4/1/2021	4/28/2021	5	20	
2	Building Construction	Building Construction	4/29/2021	3/16/2022	5	230	
3	Paving	Paving	3/17/2022	4/13/2022	5	20	
4	Architectural Coating	Architectural Coating	4/14/2022	5/11/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 8.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 22,500; Non-Residential Outdoor: 7,500; Striped Parking Area: 22,560 (Architectural Coating – sqft)

OffRoad Equipment

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	163.00	64.00	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	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.5523	1.1599	7.7123	3.3675	1.0671	4.4346		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408
Total	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.9486	1.1599	4.1085	1.5154	1.0671	2.5825	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408
Total	0.0606	0.0465	0.5094	1.2600e-003	0.1232	9.9000e-004	0.1242	0.0327	9.2000e-004	0.0336		125.3214	125.3214	4.7800e-003		125.4408

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2302	7.2286	1.6484	0.0184	0.4333	0.0217	0.4550	0.1247	0.0208	0.1455		1,936.3057	1,936.3057	0.0961		1,938.7076
Worker	0.6586	0.5053	5.5357	0.0137	1.3390	0.0108	1.3498	0.3552	9.9700e-003	0.3651		1,361.8255	1,361.8255	0.0519		1,363.1238
Total	0.8888	7.7339	7.1841	0.0321	1.7723	0.0326	1.8049	0.4799	0.0308	0.5107		3,298.1312	3,298.1312	0.1480		3,301.8313

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2302	7.2286	1.6484	0.0184	0.4333	0.0217	0.4550	0.1247	0.0208	0.1455		1,936.3057	1,936.3057	0.0961		1,938.7076
Worker	0.6586	0.5053	5.5357	0.0137	1.3390	0.0108	1.3498	0.3552	9.9700e-003	0.3651		1,361.8255	1,361.8255	0.0519		1,363.1238
Total	0.8888	7.7339	7.1841	0.0321	1.7723	0.0326	1.8049	0.4799	0.0308	0.5107		3,298.1312	3,298.1312	0.1480		3,301.8313

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2114	6.8424	1.4889	0.0183	0.4333	0.0189	0.4522	0.1247	0.0181	0.1428		1,918.9987	1,918.9987	0.0935		1,921.3349
Worker	0.6115	0.4525	5.0583	0.0132	1.3390	0.0104	1.3494	0.3552	9.6200e-003	0.3648		1,313.8208	1,313.8208	0.0464		1,314.9818
Total	0.8229	7.2949	6.5471	0.0315	1.7723	0.0293	1.8016	0.4799	0.0277	0.5076		3,232.8194	3,232.8194	0.1399		3,236.3167

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.3 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2114	6.8424	1.4889	0.0183	0.4333	0.0189	0.4522	0.1247	0.0181	0.1428		1,918.9987	1,918.9987	0.0935		1,921.3349
Worker	0.6115	0.4525	5.0583	0.0132	1.3390	0.0104	1.3494	0.3552	9.6200e-003	0.3648		1,313.8208	1,313.8208	0.0464		1,314.9818
Total	0.8229	7.2949	6.5471	0.0315	1.7723	0.0293	1.8016	0.4799	0.0277	0.5076		3,232.8194	3,232.8194	0.1399		3,236.3167

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.1305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2334	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	1.1305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2334	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106
Total	0.0563	0.0416	0.4655	1.2100e-003	0.1232	9.6000e-004	0.1242	0.0327	8.8000e-004	0.0336		120.9038	120.9038	4.2700e-003		121.0106

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2712					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.4757	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1238	0.0916	1.0241	2.6700e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		265.9883	265.9883	9.4000e-003		266.2233
Total	0.1238	0.0916	1.0241	2.6700e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		265.9883	265.9883	9.4000e-003		266.2233

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.2712					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	18.4757	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1238	0.0916	1.0241	2.6700e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		265.9883	265.9883	9.4000e-003		266.2233
Total	0.1238	0.0916	1.0241	2.6700e-003	0.2711	2.1100e-003	0.2732	0.0719	1.9500e-003	0.0739		265.9883	265.9883	9.4000e-003		266.2233

4.0 Operational Detail - Mobile

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4125	2.5762	3.7044	0.0183	1.7032	9.1800e-003	1.7124	0.4556	8.5500e-003	0.4642		1,863.1358	1,863.1358	0.0747		1,865.0025
Unmitigated	0.4125	2.5762	3.7044	0.0183	1.7032	9.1800e-003	1.7124	0.4556	8.5500e-003	0.4642		1,863.1358	1,863.1358	0.0747		1,865.0025

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Government (Civic Center)	418.80	0.00	0.00	571,853	571,853
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	418.80	0.00	0.00	571,853	571,853

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
Government (Civic Center)	9.50	7.30	7.30	75.00	20.00	5.00	50	34	16
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Government (Civic Center)	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510
Other Asphalt Surfaces	0.574120	0.023764	0.207537	0.102219	0.010793	0.003785	0.020074	0.045132	0.003124	0.001716	0.006163	0.001064	0.000510

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
NaturalGas Unmitigated	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	672.74	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Government (Civic Center)	0.67274	7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.2600e-003	0.0660	0.0554	4.0000e-004		5.0100e-003	5.0100e-003		5.0100e-003	5.0100e-003		79.1459	79.1459	1.5200e-003	1.4500e-003	79.6162

6.0 Area Detail

6.1 Mitigation Measures Area

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Unmitigated	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6300e-003	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Total	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1001					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.6300e-003	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911
Total	0.5579	3.6000e-004	0.0397	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004		0.0856	0.0856	2.2000e-004		0.0911

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

CTSP Offsite Improvements - Monterey Bay Unified APCD Air District, Summer

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

Air Quality and Greenhouse Gas CalEEMod

Energy Modelling

Campus Town Specific Plan

Last Updated: June 6, 2019

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors [1]:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529
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Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT						
Construction Equipment	#	Hours per		Load	Construction Phase	Fuel Used (gallons)
		Day	Horsepower	Factor		
Concrete/Industrial Saw	1	8	81	0.73	Demolition (Phase I & II)	9,006.50
Excavators	3	8	158	0.38	Demolition (Phase I & II)	24,678.33
Dozers	2	8	247	0.40	Demolition (Phase I & II)	27,073.28
Excavators	2	8	158	0.38	Grading (Phase I & II)	16,452.22
Graders	1	8	187	0.41	Grading (Phase I & II)	10,504.60
Dozers	1	8	247	0.40	Grading (Phase I & II)	13,536.64
Scrapers	2	8	367	0.48	Grading (Phase I & II)	48,271.54
Tractors/Loaders/Backhoes	2	8	97	0.37	Grading (Phase I & II)	10,933.30
Dozers	3	8	247	0.40	Drainage/Utilities (Phase I & II)	122,581.78
Tractors/Loaders/Backhoes	4	8	97	0.37	Drainage/Utilities (Phase I & II)	66,004.77
Pavers	2	8	130	0.42	Paving (Phase I & II)	3,093.90
Paving Equipment	2	8	132	0.36	Paving (Phase I & II)	2,692.71
Rollers	2	8	80	0.38	Paving (Phase I & II)	1,915.06
Cranes	1	7	231	0.29	Building Construction (Phase I & II)	75,476.93
Forklifts	3	8	89	0.20	Building Construction (Phase I & II)	76,441.91
Generator Sets	1	8	84	0.74	Building Construction (Phase I & II)	88,981.82
Tractors/Loaders/Backhoes	3	7	97	0.37	Building Construction (Phase I & II)	134,863.07
Welders	1	8	46	0.45	Building Construction (Phase I & II)	29,631.98
Air Compressor	1	6	78	0.48	Arch Coating	39,602.39
Graders	1	8	187	0.41	Grading (Off-site)	648.43
Dozers	1	8	247	0.40	Grading (Off-site)	835.59
Tractors/Loaders/Backhoes	3	8	97	0.37	Grading (Off-site)	1,012.34
Excavators	1	8	158	0.38	Grading (Off-site)	507.78
Generator Sets	1	8	84	0.74	Building Construction (Off-site)	6,721.12
Cranes	1	7	231	0.29	Building Construction (Off-site)	5,701.05
Forklifts	3	8	89	0.20	Building Construction (Off-site)	5,773.94
Welders	1	8	46	0.45	Building Construction (Off-site)	2,238.21
Tractors/Loaders/Backhoes	3	7	97	0.37	Building Construction (Off-site)	10,186.70
Paving Equipment	2	8	132	0.36	Paving (Off-site)	803.80
Pavers	2	8	132	0.36	Paving (Off-site)	803.80
Rollers	2	8	80	0.38	Paving (Off-site)	571.66
Air Compressor	1	6	78	0.48	Architectural Coating (Off-site)	264.02
Total Fuel Used						837,811.17 (Gallons)

Construction Phase	Days of Operation
Phase I - Demolition	174
Phase I - Grading	174
Phase I - Drainage/Utilities	173
Phase I - Paving	45
Phase II - Demolition	150
Phase II - Grading	150
Phase I - Building Construction	805
Phase I - Architectural Coating	762
Phase II - Drainage/Utilities	805
Phase II - Building Construction	2240
Phase II - Paving	22
Phase II - Architectural Coating	2195
Grading (Off-site)	20
Building Construction (Off-site)	230
Paving (Off-site)	20
Architectural Coating (Off-site)	20

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Phase I - Demolition	24.0	15	10.8	1,174.50
Phase I - Grading	24.0	20	10.8	1,566.00
Phase I - Drainage/Utilities	24.0	18	11.8	1,531.05
Phase I - Paving	24.0	15	12.8	360.00
Phase II - Demolition	24.0	15	13.8	1,293.75
Phase II - Grading	24.0	20	10.8	1,350.00
Phase I - Building Construction	24.0	1,845	10.8	668,351.25
Phase I - Architectural Coating	24.0	369	10.8	126,530.10
Phase II - Drainage/Utilities	24.0	18	10.8	6,520.50
Phase II - Building Construction	24.0	1,845	10.8	1,859,760.00
Phase II - Paving	24.0	15	10.8	148.50
Phase II - Architectural Coating	24.0	369	10.8	133,670.25
Grading (Off-site)	24.0	15	10.8	15,120.00
Building Construction (Off-site)	24.0	163	10.8	1,613.70
Paving (Off-site)	24.0	6	10.8	5,926.50
Architectural Coating (Off-site)	24.0	369	10.8	364,479.75
Total				3,189,395.85

VENDOR TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Phase I - Demolition	7.4	-	7.3	-
Phase I - Grading	7.4	-	7.3	-
Phase I - Drainage/Utilities	7.4	-	7.3	-
Phase I - Paving	7.4	-	7.3	-
Phase II - Demolition	7.4	-	7.3	-
Phase II - Grading	7.4	-	7.3	-
Phase I - Building Construction	7.4	589	7.3	467,737.64
Phase I - Architectural Coating	7.4	-	7.3	-
Phase II - Drainage/Utilities	7.4	-	7.3	-
Phase II - Building Construction	7.4	589	7.3	1,301,530.81
Phase II - Paving	7.4	-	7.3	-
Phase II - Architectural Coating	7.4	-	7.3	-
Grading (Off-site)	7.4	-	7.3	-
Building Construction (Off-site)	7.4	64	7.3	141,422.70
Paving (Off-site)	7.4	-	7.3	-
Architectural Coating (Off-site)	7.4	-	7.3	-
Total				1,910,691.15

HAULING TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Hauling Trips (Demolition and Export)	7.4	10,624	20.00	28,713.51
Hauling Trips (Transfer of Soil from Phase I to II)	7.4	875	1.3	147.80
Total				28,861.32

Total Gasoline Consumption (gallons)	3,189,395.85
Total Diesel Consumption (gallons)	2,777,363.63

Sources:

[1] United States Environmental Protection Agency. 2018. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES2014b*. July 2018. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf>.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2018. *National Transportation Statistics 2018*. Available at: <https://www.bts.gov/sites/bts.dot.gov/files/docs/browse-statistical-products-and-data/national-transportation-statistics/223001/ntsntire2018q4.pdf>.

Campus Town Specific Plan

Last Updated: June 28, 2019

Populate one of the following tables (Leave the other blank):

Annual VMT	OR	Daily Vehicle Trips
Annual VMT: 22,738,405		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG)	
Light Duty Auto (LDA)	0.574120	Passenger Vehicles	24.0
Light Duty Truck 1 (LDT1)	0.023764	Light-Med Duty Trucks	17.4
Light Duty Truck 2 (LDT2)	0.207537	Heavy Trucks/Other	7.4
Medium Duty Vehicle (MDV)	0.102219	Motorcycles	43.9
Light Heavy Duty 1 (LHD1)	0.010793		
Light Heavy Duty 2 (LHD2)	0.003785		
Medium Heavy Duty (MHD)	0.020074		
Heavy Heavy Duty (HHD)	0.045132		
Other Bus (OBUS)	0.003124		
Urban Bus (UBUS)	0.001716		
School Bus (SBUS)	0.001064		
Motorhome (MH)	0.000510		
Motorcycle (MCY)	0.006163		

Fleet Mix					
Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	57.41%	<i>Gasoline</i>	13,054,573	0.00	543,940.54
Light-Medium Duty Trucks	33.35%	<i>Gasoline</i>	7,583,713	0.00	435,845.57
Heavy Trucks/Other	8.62%	<i>Diesel</i>	1,960,005	0.00	264,865.55
Motorcycle	0.62%	<i>Gasoline</i>	140,137	0.00	3,192.18

Total Gasoline Consumption (gallons)	982,978.29
Total Diesel Consumption (gallons)	264,865.55