

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

Crockers Lockers

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
Unrefrigerated Warehouse-No Rail	149.80	1000sqft	2.28	149,800.00	0
Parking Lot	92.26	1000sqft	2.12	92,263.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Modeler: ER
- Land Use - From 10-06-21 site plan Page 1A. Parking lot land use includes landscaping.
- Construction Phase - Left as default
- Demolition - Assumes 1500 cu yards of asphalt removal
- Grading - Grading numbers from 10-06-21 site plan Page C2
- Architectural Coating - Updated residential sqft for Manager's unit
- Vehicle Trips - Converted trip gen to trip rate from Kenny's 2/17 email.
- Land Use Change -
- Stationary Sources - Emergency Generators and Fire Pumps -
- Construction Off-road Equipment Mitigation -

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Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	22,052.00
tblLandUse	LandUseSquareFeet	92,260.00	92,263.00
tblLandUse	LotAcreage	3.44	2.28
tblTripsAndVMT	HaulingTripNumber	2,757.00	2,756.00
tblVehicleTrips	ST_TR	1.74	1.83
tblVehicleTrips	SU_TR	1.74	1.56
tblVehicleTrips	WD_TR	1.74	1.52

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0835	0.9754	0.6968	2.2600e-003	0.1553	0.0361	0.1915	0.0562	0.0338	0.0900	0.0000	207.7194	207.7194	0.0262	0.0168	213.3941
2023	1.2689	1.7426	2.0904	4.4400e-003	0.1093	0.0757	0.1850	0.0297	0.0712	0.1009	0.0000	394.3850	394.3850	0.0625	0.0138	400.0489
Maximum	1.2689	1.7426	2.0904	4.4400e-003	0.1553	0.0757	0.1915	0.0562	0.0712	0.1009	0.0000	394.3850	394.3850	0.0625	0.0168	400.0489

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0835	0.9754	0.6968	2.2600e-003	0.0947	0.0361	0.1308	0.0321	0.0338	0.0658	0.0000	207.7193	207.7193	0.0262	0.0168	213.3940
2023	1.2689	1.7426	2.0903	4.4400e-003	0.1093	0.0757	0.1850	0.0297	0.0712	0.1009	0.0000	394.3847	394.3847	0.0625	0.0138	400.0486
Maximum	1.2689	1.7426	2.0903	4.4400e-003	0.1093	0.0757	0.1850	0.0321	0.0712	0.1009	0.0000	394.3847	394.3847	0.0625	0.0168	400.0486

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	22.91	0.00	16.11	28.12	0.00	12.66	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-3-2022	1-2-2023	1.0814	1.0814
2	1-3-2023	4-2-2023	0.6019	0.6019
3	4-3-2023	7-2-2023	0.6025	0.6025
4	7-3-2023	9-30-2023	0.5959	0.5959
		Highest	1.0814	1.0814

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	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003
Energy	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	78.9970	78.9970	8.8600e-003	1.5100e-003	79.6696
Mobile	0.1383	0.1935	1.3078	2.6100e-003	0.2554	2.3700e-003	0.2578	0.0683	2.2200e-003	0.0705	0.0000	241.2645	241.2645	0.0171	0.0124	245.3758
Waste						0.0000	0.0000		0.0000	0.0000	28.5832	0.0000	28.5832	1.6892	0.0000	70.8136
Water						0.0000	0.0000		0.0000	0.0000	10.9901	17.3430	28.3331	1.1316	0.0270	64.6668
Total	0.8384	0.2188	1.3321	2.7600e-003	0.2554	4.3000e-003	0.2597	0.0683	4.1500e-003	0.0725	39.5732	337.6106	377.1838	2.8467	0.0409	460.5322

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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	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003
Energy	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	78.9970	78.9970	8.8600e-003	1.5100e-003	79.6696
Mobile	0.1383	0.1935	1.3078	2.6100e-003	0.2554	2.3700e-003	0.2578	0.0683	2.2200e-003	0.0705	0.0000	241.2645	241.2645	0.0171	0.0124	245.3758
Waste						0.0000	0.0000		0.0000	0.0000	28.5832	0.0000	28.5832	1.6892	0.0000	70.8136
Water						0.0000	0.0000		0.0000	0.0000	10.9901	17.3430	28.3331	1.1316	0.0270	64.6668
Total	0.8384	0.2188	1.3321	2.7600e-003	0.2554	4.3000e-003	0.2597	0.0683	4.1500e-003	0.0725	39.5732	337.6106	377.1838	2.8467	0.0409	460.5322

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	

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4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230
5	Paving	Paving	10/5/2023	10/30/2023	5	18
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 2.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 224,700; Non-Residential Outdoor: 74,900; Striped Parking Area: 5,536 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	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	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36

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Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	282.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	2,756.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	102.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	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 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					0.0311	0.0000	0.0311	4.7100e-003	0.0000	4.7100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004	0.0311	0.0124	0.0435	4.7100e-003	0.0116	0.0163	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5000e-004	0.0240	4.5800e-003	9.0000e-005	2.4000e-003	2.3000e-004	2.6300e-003	6.6000e-004	2.2000e-004	8.8000e-004	0.0000	8.5266	8.5266	1.0000e-004	1.3400e-003	8.9296
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	4.3000e-004	4.5800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0222	1.0222	4.0000e-005	3.0000e-005	1.0334
Total	1.0800e-003	0.0244	9.1600e-003	1.0000e-004	3.5900e-003	2.4000e-004	3.8300e-003	9.8000e-004	2.3000e-004	1.2000e-003	0.0000	9.5488	9.5488	1.4000e-004	1.3700e-003	9.9630

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3.2 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					0.0140	0.0000	0.0140	2.1200e-003	0.0000	2.1200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	0.0264	0.2572	0.2059	3.9000e-004	0.0140	0.0124	0.0264	2.1200e-003	0.0116	0.0137	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.5000e-004	0.0240	4.5800e-003	9.0000e-005	2.4000e-003	2.3000e-004	2.6300e-003	6.6000e-004	2.2000e-004	8.8000e-004	0.0000	8.5266	8.5266	1.0000e-004	1.3400e-003	8.9296
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	4.3000e-004	4.5800e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	1.0222	1.0222	4.0000e-005	3.0000e-005	1.0334
Total	1.0800e-003	0.0244	9.1600e-003	1.0000e-004	3.5900e-003	2.4000e-004	3.8300e-003	9.8000e-004	2.3000e-004	1.2000e-003	0.0000	9.5488	9.5488	1.4000e-004	1.3700e-003	9.9630

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3.3 Site Preparation - 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					0.0491	0.0000	0.0491	0.0253	0.0000	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9300e-003	0.0827	0.0492	1.0000e-004		4.0300e-003	4.0300e-003		3.7100e-003	3.7100e-003	0.0000	8.3599	8.3599	2.7000e-003	0.0000	8.4274
Total	7.9300e-003	0.0827	0.0492	1.0000e-004	0.0491	4.0300e-003	0.0532	0.0253	3.7100e-003	0.0290	0.0000	8.3599	8.3599	2.7000e-003	0.0000	8.4274

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.3000e-004	1.3800e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3067	0.3067	1.0000e-005	1.0000e-005	0.3100
Total	1.6000e-004	1.3000e-004	1.3800e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3067	0.3067	1.0000e-005	1.0000e-005	0.3100

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3.3 Site Preparation - 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					0.0221	0.0000	0.0221	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9300e-003	0.0827	0.0492	1.0000e-004		4.0300e-003	4.0300e-003		3.7100e-003	3.7100e-003	0.0000	8.3598	8.3598	2.7000e-003	0.0000	8.4274
Total	7.9300e-003	0.0827	0.0492	1.0000e-004	0.0221	4.0300e-003	0.0261	0.0114	3.7100e-003	0.0151	0.0000	8.3598	8.3598	2.7000e-003	0.0000	8.4274

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.3000e-004	1.3800e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3067	0.3067	1.0000e-005	1.0000e-005	0.3100
Total	1.6000e-004	1.3000e-004	1.3800e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3067	0.3067	1.0000e-005	1.0000e-005	0.3100

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3.4 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	tons/yr										MT/yr					
Fugitive Dust					0.0300	0.0000	0.0300	0.0140	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7900e-003	0.0834	0.0611	1.2000e-004		3.7600e-003	3.7600e-003		3.4600e-003	3.4600e-003	0.0000	10.4219	10.4219	3.3700e-003	0.0000	10.5062
Total	7.7900e-003	0.0834	0.0611	1.2000e-004	0.0300	3.7600e-003	0.0338	0.0140	3.4600e-003	0.0174	0.0000	10.4219	10.4219	3.3700e-003	0.0000	10.5062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.3800e-003	0.2340	0.0447	8.6000e-004	0.0235	2.2300e-003	0.0257	6.4500e-003	2.1400e-003	8.5800e-003	0.0000	83.3309	83.3309	9.8000e-004	0.0131	87.2691
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.7000e-004	1.8300e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4089	0.4089	2.0000e-005	1.0000e-005	0.4134
Total	5.5900e-003	0.2342	0.0466	8.6000e-004	0.0239	2.2300e-003	0.0262	6.5800e-003	2.1400e-003	8.7100e-003	0.0000	83.7398	83.7398	1.0000e-003	0.0131	87.6825

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

3.4 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	tons/yr										MT/yr					
Fugitive Dust					0.0135	0.0000	0.0135	6.2800e-003	0.0000	6.2800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7900e-003	0.0834	0.0611	1.2000e-004		3.7600e-003	3.7600e-003		3.4600e-003	3.4600e-003	0.0000	10.4219	10.4219	3.3700e-003	0.0000	10.5062
Total	7.7900e-003	0.0834	0.0611	1.2000e-004	0.0135	3.7600e-003	0.0173	6.2800e-003	3.4600e-003	9.7400e-003	0.0000	10.4219	10.4219	3.3700e-003	0.0000	10.5062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.3800e-003	0.2340	0.0447	8.6000e-004	0.0235	2.2300e-003	0.0257	6.4500e-003	2.1400e-003	8.5800e-003	0.0000	83.3309	83.3309	9.8000e-004	0.0131	87.2691
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.7000e-004	1.8300e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4089	0.4089	2.0000e-005	1.0000e-005	0.4134
Total	5.5900e-003	0.2342	0.0466	8.6000e-004	0.0239	2.2300e-003	0.0262	6.5800e-003	2.1400e-003	8.7100e-003	0.0000	83.7398	83.7398	1.0000e-003	0.0131	87.6825

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

3.5 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	0.0273	0.2499	0.2618	4.3000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	37.0760	37.0760	8.8800e-003	0.0000	37.2981
Total	0.0273	0.2499	0.2618	4.3000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	37.0760	37.0760	8.8800e-003	0.0000	37.2981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-003	0.0388	0.0118	1.4000e-004	4.2200e-003	4.1000e-004	4.6300e-003	1.2200e-003	3.9000e-004	1.6100e-003	0.0000	13.1545	13.1545	1.4000e-004	1.9400e-003	13.7347
Worker	5.7400e-003	4.6400e-003	0.0499	1.2000e-004	0.0130	9.0000e-005	0.0131	3.4500e-003	8.0000e-005	3.5300e-003	0.0000	11.1216	11.1216	4.3000e-004	3.7000e-004	11.2433
Total	7.2400e-003	0.0435	0.0617	2.6000e-004	0.0172	5.0000e-004	0.0177	4.6700e-003	4.7000e-004	5.1400e-003	0.0000	24.2761	24.2761	5.7000e-004	2.3100e-003	24.9780

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

3.5 Building Construction - 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	0.0273	0.2499	0.2618	4.3000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	37.0760	37.0760	8.8800e-003	0.0000	37.2981
Total	0.0273	0.2499	0.2618	4.3000e-004		0.0129	0.0129		0.0122	0.0122	0.0000	37.0760	37.0760	8.8800e-003	0.0000	37.2981

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-003	0.0388	0.0118	1.4000e-004	4.2200e-003	4.1000e-004	4.6300e-003	1.2200e-003	3.9000e-004	1.6100e-003	0.0000	13.1545	13.1545	1.4000e-004	1.9400e-003	13.7347
Worker	5.7400e-003	4.6400e-003	0.0499	1.2000e-004	0.0130	9.0000e-005	0.0131	3.4500e-003	8.0000e-005	3.5300e-003	0.0000	11.1216	11.1216	4.3000e-004	3.7000e-004	11.2433
Total	7.2400e-003	0.0435	0.0617	2.6000e-004	0.0172	5.0000e-004	0.0177	4.6700e-003	4.7000e-004	5.1400e-003	0.0000	24.2761	24.2761	5.7000e-004	2.3100e-003	24.9780

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

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4867	229.4867	0.0546	0.0000	230.8515
Total	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4867	229.4867	0.0546	0.0000	230.8515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6200e-003	0.2015	0.0635	8.2000e-004	0.0261	1.2900e-003	0.0274	7.5500e-003	1.2300e-003	8.7800e-003	0.0000	78.7526	78.7526	6.9000e-004	0.0116	82.2173
Worker	0.0329	0.0253	0.2826	7.3000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218	0.0000	66.7281	66.7281	2.3800e-003	2.1200e-003	67.4187
Total	0.0386	0.2268	0.3461	1.5500e-003	0.1065	1.8100e-003	0.1083	0.0289	1.7100e-003	0.0306	0.0000	145.4807	145.4807	3.0700e-003	0.0137	149.6360

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

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4864	229.4864	0.0546	0.0000	230.8512
Total	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4864	229.4864	0.0546	0.0000	230.8512

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6200e-003	0.2015	0.0635	8.2000e-004	0.0261	1.2900e-003	0.0274	7.5500e-003	1.2300e-003	8.7800e-003	0.0000	78.7526	78.7526	6.9000e-004	0.0116	82.2173
Worker	0.0329	0.0253	0.2826	7.3000e-004	0.0803	5.2000e-004	0.0809	0.0214	4.8000e-004	0.0218	0.0000	66.7281	66.7281	2.3800e-003	2.1200e-003	67.4187
Total	0.0386	0.2268	0.3461	1.5500e-003	0.1065	1.8100e-003	0.1083	0.0289	1.7100e-003	0.0306	0.0000	145.4807	145.4807	3.0700e-003	0.0137	149.6360

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

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.2600e-003	0.0791	0.1097	1.7000e-004		3.9200e-003	3.9200e-003		3.6200e-003	3.6200e-003	0.0000	14.7407	14.7407	4.6300e-003	0.0000	14.8565
Paving	2.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0110	0.0791	0.1097	1.7000e-004		3.9200e-003	3.9200e-003		3.6200e-003	3.6200e-003	0.0000	14.7407	14.7407	4.6300e-003	0.0000	14.8565

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018
Total	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018

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3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.2600e-003	0.0791	0.1097	1.7000e-004		3.9200e-003	3.9200e-003		3.6200e-003	3.6200e-003	0.0000	14.7407	14.7407	4.6300e-003	0.0000	14.8565
Paving	2.7800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0110	0.0791	0.1097	1.7000e-004		3.9200e-003	3.9200e-003		3.6200e-003	3.6200e-003	0.0000	14.7407	14.7407	4.6300e-003	0.0000	14.8565

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018
Total	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018

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

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0607					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014
Total	1.0625	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018
Total	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018

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

3.7 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0607					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014
Total	1.0625	0.0117	0.0163	3.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	2.2979	2.2979	1.4000e-004	0.0000	2.3014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018
Total	5.9000e-004	4.5000e-004	5.0400e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1895	1.1895	4.0000e-005	4.0000e-005	1.2018

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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1383	0.1935	1.3078	2.6100e-003	0.2554	2.3700e-003	0.2578	0.0683	2.2200e-003	0.0705	0.0000	241.2645	241.2645	0.0171	0.0124	245.3758
Unmitigated	0.1383	0.1935	1.3078	2.6100e-003	0.2554	2.3700e-003	0.2578	0.0683	2.2200e-003	0.0705	0.0000	241.2645	241.2645	0.0171	0.0124	245.3758

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	227.70	274.13	233.69	686,628	686,628
Total	227.70	274.13	233.69	686,628	686,628

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
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746
Unrefrigerated Warehouse-No Rail	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.4980	51.4980	8.3300e-003	1.0100e-003	52.0072
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.4980	51.4980	8.3300e-003	1.0100e-003	52.0072
NaturalGas Mitigated	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624
NaturalGas Unmitigated	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	515312	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624
Total		2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624

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					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	515312	2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624
Total		2.7800e-003	0.0253	0.0212	1.5000e-004		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	27.4990	27.4990	5.3000e-004	5.0000e-004	27.6624

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	32292	2.9878	4.8000e-004	6.0000e-005	3.0173
Unrefrigerated Warehouse-No Rail	524300	48.5102	7.8500e-003	9.5000e-004	48.9899
Total		51.4980	8.3300e-003	1.0100e-003	52.0072

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	32292	2.9878	4.8000e-004	6.0000e-005	3.0173
Unrefrigerated Warehouse-No Rail	524300	48.5102	7.8500e-003	9.5000e-004	48.9899
Total		51.4980	8.3300e-003	1.0100e-003	52.0072

6.0 Area Detail

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003
Unmitigated	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003

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	0.1061					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5910					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.8000e-004	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003
Total	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1061					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5910					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.8000e-004	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003
Total	0.6974	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.0100e-003	6.0100e-003	2.0000e-005	0.0000	6.4000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.3331	1.1316	0.0270	64.6668
Unmitigated	28.3331	1.1316	0.0270	64.6668

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	34.6412 / 0	28.3331	1.1316	0.0270	64.6668
Total		28.3331	1.1316	0.0270	64.6668

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	34.6412 / 0	28.3331	1.1316	0.0270	64.6668
Total		28.3331	1.1316	0.0270	64.6668

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	28.5832	1.6892	0.0000	70.8136
Unmitigated	28.5832	1.6892	0.0000	70.8136

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	140.81	28.5832	1.6892	0.0000	70.8136
Total		28.5832	1.6892	0.0000	70.8136

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	140.81	28.5832	1.6892	0.0000	70.8136
Total		28.5832	1.6892	0.0000	70.8136

9.0 Operational Offroad

Crockers Lockers - Monterey Bay Unified APCD Air District, Annual

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

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

Fire Pumps and Emergency Generators

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

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

Crockers Lockers

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
Unrefrigerated Warehouse-No Rail	149.80	1000sqft	2.28	149,800.00	0
Parking Lot	92.26	1000sqft	2.12	92,263.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Modeler: ER
- Land Use - From 10-06-21 site plan Page 1A. Parking lot land use includes landscaping.
- Construction Phase - Left as default
- Demolition - Assumes 1500 cu yards of asphalt removal
- Grading - Grading numbers from 10-06-21 site plan Page C2
- Architectural Coating - Updated residential sqft for Manager's unit
- Vehicle Trips - Converted trip gen to trip rate from Kenny's 2/17 email.
- Land Use Change -
- Stationary Sources - Emergency Generators and Fire Pumps -
- Construction Off-road Equipment Mitigation -

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	22,052.00
tblLandUse	LandUseSquareFeet	92,260.00	92,263.00
tblLandUse	LotAcreage	3.44	2.28
tblTripsAndVMT	HaulingTripNumber	2,757.00	2,756.00
tblVehicleTrips	ST_TR	1.74	1.83
tblVehicleTrips	SU_TR	1.74	1.56
tblVehicleTrips	WD_TR	1.74	1.52

2.0 Emissions Summary

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.3688	77.2817	26.8311	0.2456	19.8049	1.6136	21.4184	10.1417	1.4845	11.6262	0.0000	25,948.378 2	25,948.378 2	1.2031	3.6217	27,057.725 7
2023	118.1167	16.5696	19.8751	0.0429	1.1089	0.7180	1.8269	0.3003	0.6757	0.9760	0.0000	4,213.5418	4,213.5418	0.6406	0.1502	4,274.3122
Maximum	118.1167	77.2817	26.8311	0.2456	19.8049	1.6136	21.4184	10.1417	1.4845	11.6262	0.0000	25,948.378 2	25,948.378 2	1.2031	3.6217	27,057.725 7

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.3688	77.2817	26.8311	0.2456	9.5293	1.6136	11.0291	4.5853	1.4845	6.0698	0.0000	25,948.378 2	25,948.378 2	1.2031	3.6217	27,057.725 7
2023	118.1167	16.5696	19.8751	0.0429	1.1089	0.7180	1.8269	0.3003	0.6757	0.9760	0.0000	4,213.5418	4,213.5418	0.6406	0.1502	4,274.3122
Maximum	118.1167	77.2817	26.8311	0.2456	9.5293	1.6136	11.0291	4.5853	1.4845	6.0698	0.0000	25,948.378 2	25,948.378 2	1.2031	3.6217	27,057.725 7

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Energy	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Mobile	0.9331	1.1406	8.2909	0.0174	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,773.0697	1,773.0697	0.1138	0.0827	1,800.5627
Total	4.7702	1.2792	8.4318	0.0183	1.6887	0.0258	1.7145	0.4504	0.0248	0.4752		1,939.2184	1,939.2184	0.1171	0.0858	1,967.7019

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	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Energy	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Mobile	0.9331	1.1406	8.2909	0.0174	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,773.0697	1,773.0697	0.1138	0.0827	1,800.5627
Total	4.7702	1.2792	8.4318	0.0183	1.6887	0.0258	1.7145	0.4504	0.0248	0.4752		1,939.2184	1,939.2184	0.1171	0.0858	1,967.7019

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	
4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230	
5	Paving	Paving	10/5/2023	10/30/2023	5	18	
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 2.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 224,700; Non-Residential Outdoor: 74,900; Striped Parking Area: 5,536 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

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	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	282.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	2,756.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	102.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.2 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					3.1071	0.0000	3.1071	0.4705	0.0000	0.4705			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	3.1071	1.2427	4.3497	0.4705	1.1553	1.6258		3,746.7812	3,746.7812	1.0524		3,773.0920

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0559	2.3080	0.4533	8.7900e-003	0.2467	0.0228	0.2695	0.0676	0.0219	0.0895		939.6329	939.6329	0.0111	0.1481	984.0404
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0536	0.0374	0.4828	1.1700e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		118.6349	118.6349	4.1000e-003	3.4500e-003	119.7671
Total	0.1095	2.3453	0.9361	9.9600e-003	0.3699	0.0237	0.3936	0.1003	0.0226	0.1229		1,058.2678	1,058.2678	0.0152	0.1515	1,103.8075

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.2 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					1.3982	0.0000	1.3982	0.2117	0.0000	0.2117			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.3982	1.2427	2.6408	0.2117	1.1553	1.3670	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0559	2.3080	0.4533	8.7900e-003	0.2467	0.0228	0.2695	0.0676	0.0219	0.0895		939.6329	939.6329	0.0111	0.1481	984.0404
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0536	0.0374	0.4828	1.1700e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		118.6349	118.6349	4.1000e-003	3.4500e-003	119.7671
Total	0.1095	2.3453	0.9361	9.9600e-003	0.3699	0.0237	0.3936	0.1003	0.0226	0.1229		1,058.2678	1,058.2678	0.0152	0.1515	1,103.8075

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.3 Site Preparation - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			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	19.6570	1.6126	21.2696	10.1025	1.4836	11.5860		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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0643	0.0449	0.5793	1.4100e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		142.3619	142.3619	4.9200e-003	4.1500e-003	143.7205
Total	0.0643	0.0449	0.5793	1.4100e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		142.3619	142.3619	4.9200e-003	4.1500e-003	143.7205

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.3 Site Preparation - 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					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			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	8.8457	1.6126	10.4582	4.5461	1.4836	6.0297	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0643	0.0449	0.5793	1.4100e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		142.3619	142.3619	4.9200e-003	4.1500e-003	143.7205
Total	0.0643	0.0449	0.5793	1.4100e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		142.3619	142.3619	4.9200e-003	4.1500e-003	143.7205

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.4 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					7.5091	0.0000	7.5091	3.4893	0.0000	3.4893			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	7.5091	0.9409	8.4500	3.4893	0.8656	4.3549		2,872.0464	2,872.0464	0.9289		2,895.2684

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3665	56.3892	11.0756	0.2148	6.0269	0.5581	6.5851	1.6521	0.5340	2.1861		22,957.6969	22,957.6969	0.2701	3.6183	24,042.6902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0536	0.0374	0.4828	1.1700e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		118.6349	118.6349	4.1000e-003	3.4500e-003	119.7671
Total	1.4201	56.4265	11.5583	0.2160	6.1502	0.5590	6.7091	1.6848	0.5347	2.2195		23,076.3318	23,076.3318	0.2742	3.6217	24,162.4573

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.4 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					3.3791	0.0000	3.3791	1.5702	0.0000	1.5702			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	3.3791	0.9409	4.3200	1.5702	0.8656	2.4358	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3665	56.3892	11.0756	0.2148	6.0269	0.5581	6.5851	1.6521	0.5340	2.1861		22,957.6969	22,957.6969	0.2701	3.6183	24,042.6902
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0536	0.0374	0.4828	1.1700e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		118.6349	118.6349	4.1000e-003	3.4500e-003	119.7671
Total	1.4201	56.4265	11.5583	0.2160	6.1502	0.5590	6.7091	1.6848	0.5347	2.2195		23,076.3318	23,076.3318	0.2742	3.6217	24,162.4573

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.5 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	0.0000
Vendor	0.0946	2.3396	0.7266	8.5400e-003	0.2709	0.0255	0.2964	0.0780	0.0244	0.1024		905.9545	905.9545	9.5100e-003	0.1332	945.8712
Worker	0.3646	0.2542	3.2827	7.9800e-003	0.8379	5.6100e-003	0.8435	0.2223	5.1700e-003	0.2274		806.7175	806.7175	0.0279	0.0235	814.4161
Total	0.4592	2.5938	4.0094	0.0165	1.1089	0.0311	1.1399	0.3003	0.0296	0.3298		1,712.6721	1,712.6721	0.0374	0.1566	1,760.2873

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.5 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	0.0000
Vendor	0.0946	2.3396	0.7266	8.5400e-003	0.2709	0.0255	0.2964	0.0780	0.0244	0.1024		905.9545	905.9545	9.5100e-003	0.1332	945.8712
Worker	0.3646	0.2542	3.2827	7.9800e-003	0.8379	5.6100e-003	0.8435	0.2223	5.1700e-003	0.2274		806.7175	806.7175	0.0279	0.0235	814.4161
Total	0.4592	2.5938	4.0094	0.0165	1.1089	0.0311	1.1399	0.3003	0.0296	0.3298		1,712.6721	1,712.6721	0.0374	0.1566	1,760.2873

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.5 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0578	1.9608	0.6334	8.2600e-003	0.2710	0.0130	0.2839	0.0780	0.0124	0.0904		876.2049	876.2049	7.7000e-003	0.1286	914.7169
Worker	0.3381	0.2240	2.9978	7.7400e-003	0.8379	5.2800e-003	0.8432	0.2223	4.8600e-003	0.2271		782.1270	782.1270	0.0250	0.0216	789.1893
Total	0.3959	2.1847	3.6311	0.0160	1.1089	0.0183	1.1271	0.3003	0.0173	0.3176		1,658.3319	1,658.3319	0.0327	0.1502	1,703.9062

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0578	1.9608	0.6334	8.2600e-003	0.2710	0.0130	0.2839	0.0780	0.0124	0.0904		876.2049	876.2049	7.7000e-003	0.1286	914.7169
Worker	0.3381	0.2240	2.9978	7.7400e-003	0.8379	5.2800e-003	0.8432	0.2223	4.8600e-003	0.2271		782.1270	782.1270	0.0250	0.0216	789.1893
Total	0.3959	2.1847	3.6311	0.0160	1.1089	0.0183	1.1271	0.3003	0.0173	0.3176		1,658.3319	1,658.3319	0.0327	0.1502	1,703.9062

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2267	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430
Total	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2267	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430
Total	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	117.8588					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	118.0504	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430
Total	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

3.7 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	117.8588					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	118.0504	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430
Total	0.0663	0.0439	0.5878	1.5200e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		153.3582	153.3582	4.9100e-003	4.2400e-003	154.7430

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9331	1.1406	8.2909	0.0174	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,773.0697	1,773.0697	0.1138	0.0827	1,800.5627
Unmitigated	0.9331	1.1406	8.2909	0.0174	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,773.0697	1,773.0697	0.1138	0.0827	1,800.5627

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	227.70	274.13	233.69	686,628	686,628
Total	227.70	274.13	233.69	686,628	686,628

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
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746
Unrefrigerated Warehouse-No Rail	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
NaturalGas Unmitigated	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	1411.81	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Total		0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

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					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	1.41181	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Total		0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

6.0 Area Detail

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Unmitigated	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

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	0.5812					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2800e-003	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Total	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5812					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2800e-003	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Total	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

7.0 Water Detail

7.1 Mitigation Measures Water

Crockers Lockers - Monterey Bay Unified APCD Air District, Summer

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

Crockers Lockers

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
Unrefrigerated Warehouse-No Rail	149.80	1000sqft	2.28	149,800.00	0
Parking Lot	92.26	1000sqft	2.12	92,263.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.8	Precipitation Freq (Days)	53
Climate Zone	4			Operational Year	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Modeler: ER
- Land Use - From 10-06-21 site plan Page 1A. Parking lot land use includes landscaping.
- Construction Phase - Left as default
- Demolition - Assumes 1500 cu yards of asphalt removal
- Grading - Grading numbers from 10-06-21 site plan Page C2
- Architectural Coating - Updated residential sqft for Manager's unit
- Vehicle Trips - Converted trip gen to trip rate from Kenny's 2/17 email.
- Land Use Change -
- Stationary Sources - Emergency Generators and Fire Pumps -
- Construction Off-road Equipment Mitigation -

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	22,052.00
tblLandUse	LandUseSquareFeet	92,260.00	92,263.00
tblLandUse	LotAcreage	3.44	2.28
tblTripsAndVMT	HaulingTripNumber	2,757.00	2,756.00
tblVehicleTrips	ST_TR	1.74	1.83
tblVehicleTrips	SU_TR	1.74	1.56
tblVehicleTrips	WD_TR	1.74	1.52

2.0 Emissions Summary

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.3228	80.3925	27.0771	0.2457	19.8049	1.6136	21.4184	10.1417	1.4845	11.6262	0.0000	25,957.3707	25,957.3707	1.2011	3.6248	27,067.5861
2023	118.1209	16.7414	19.8651	0.0425	1.1089	0.7181	1.8269	0.3003	0.6758	0.9760	0.0000	4,173.2022	4,173.2022	0.6436	0.1542	4,235.2274
Maximum	118.1209	80.3925	27.0771	0.2457	19.8049	1.6136	21.4184	10.1417	1.4845	11.6262	0.0000	25,957.3707	25,957.3707	1.2011	3.6248	27,067.5861

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.3228	80.3925	27.0771	0.2457	9.5293	1.6136	11.0302	4.5853	1.4845	6.0698	0.0000	25,957.3707	25,957.3707	1.2011	3.6248	27,067.5861
2023	118.1209	16.7414	19.8651	0.0425	1.1089	0.7181	1.8269	0.3003	0.6758	0.9760	0.0000	4,173.2022	4,173.2022	0.6436	0.1542	4,235.2274
Maximum	118.1209	80.3925	27.0771	0.2457	9.5293	1.6136	11.0302	4.5853	1.4845	6.0698	0.0000	25,957.3707	25,957.3707	1.2011	3.6248	27,067.5861

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Energy	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Mobile	0.8944	1.3078	8.9504	0.0167	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,701.1318	1,701.1318	0.1275	0.0909	1,731.3905
Total	4.7316	1.4464	9.0913	0.0175	1.6887	0.0258	1.7145	0.4504	0.0248	0.4752		1,867.2805	1,867.2805	0.1308	0.0939	1,898.5297

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	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Energy	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Mobile	0.8944	1.3078	8.9504	0.0167	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,701.1318	1,701.1318	0.1275	0.0909	1,731.3905
Total	4.7316	1.4464	9.0913	0.0175	1.6887	0.0258	1.7145	0.4504	0.0248	0.4752		1,867.2805	1,867.2805	0.1308	0.0939	1,898.5297

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/4/2022	5	5	
3	Grading	Grading	11/5/2022	11/16/2022	5	8	
4	Building Construction	Building Construction	11/17/2022	10/4/2023	5	230	
5	Paving	Paving	10/5/2023	10/30/2023	5	18	
6	Architectural Coating	Architectural Coating	10/31/2023	11/23/2023	5	18	

Acres of Grading (Site Preparation Phase): 7.5

Acres of Grading (Grading Phase): 8

Acres of Paving: 2.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 224,700; Non-Residential Outdoor: 74,900; Striped Parking Area: 5,536 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

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	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	282.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	2,756.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	102.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.2 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					3.1071	0.0000	3.1071	0.4705	0.0000	0.4705			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	3.1071	1.2427	4.3497	0.4705	1.1553	1.6258		3,746.7812	3,746.7812	1.0524		3,773.0920

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0539	2.4349	0.4637	8.8000e-003	0.2467	0.0229	0.2696	0.0676	0.0219	0.0895		940.2620	940.2620	0.0110	0.1482	984.6976
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0569	0.0468	0.4763	1.1100e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		112.2572	112.2572	4.6000e-003	4.0200e-003	113.5704
Total	0.1108	2.4817	0.9399	9.9100e-003	0.3699	0.0237	0.3936	0.1003	0.0227	0.1230		1,052.5192	1,052.5192	0.0156	0.1522	1,098.2680

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.2 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					1.3982	0.0000	1.3982	0.2117	0.0000	0.2117			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	2.6392	25.7194	20.5941	0.0388	1.3982	1.2427	2.6408	0.2117	1.1553	1.3670	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0539	2.4349	0.4637	8.8000e-003	0.2467	0.0229	0.2696	0.0676	0.0219	0.0895		940.2620	940.2620	0.0110	0.1482	984.6976
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0569	0.0468	0.4763	1.1100e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		112.2572	112.2572	4.6000e-003	4.0200e-003	113.5704
Total	0.1108	2.4817	0.9399	9.9100e-003	0.3699	0.0237	0.3936	0.1003	0.0227	0.1230		1,052.5192	1,052.5192	0.0156	0.1522	1,098.2680

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.3 Site Preparation - 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					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			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	19.6570	1.6126	21.2696	10.1025	1.4836	11.5860		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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0682	0.0561	0.5715	1.3300e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		134.7087	134.7087	5.5200e-003	4.8200e-003	136.2844
Total	0.0682	0.0561	0.5715	1.3300e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		134.7087	134.7087	5.5200e-003	4.8200e-003	136.2844

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.3 Site Preparation - 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					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			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	8.8457	1.6126	10.4582	4.5461	1.4836	6.0297	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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0682	0.0561	0.5715	1.3300e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		134.7087	134.7087	5.5200e-003	4.8200e-003	136.2844
Total	0.0682	0.0561	0.5715	1.3300e-003	0.1479	9.9000e-004	0.1489	0.0392	9.1000e-004	0.0401		134.7087	134.7087	5.5200e-003	4.8200e-003	136.2844

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.4 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					7.5091	0.0000	7.5091	3.4893	0.0000	3.4893			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	7.5091	0.9409	8.4500	3.4893	0.8656	4.3549		2,872.0464	2,872.0464	0.9289		2,895.2684

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3172	59.4905	11.3281	0.2149	6.0269	0.5592	6.5862	1.6521	0.5350	2.1872		22,973.0671	22,973.0671	0.2676	3.6208	24,058.7474
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0569	0.0468	0.4763	1.1100e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		112.2572	112.2572	4.6000e-003	4.0200e-003	113.5704
Total	1.3741	59.5373	11.8044	0.2161	6.1502	0.5601	6.7102	1.6848	0.5358	2.2206		23,085.3243	23,085.3243	0.2722	3.6248	24,172.3178

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.4 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					3.3791	0.0000	3.3791	1.5702	0.0000	1.5702			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	3.3791	0.9409	4.3200	1.5702	0.8656	2.4358	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3172	59.4905	11.3281	0.2149	6.0269	0.5592	6.5862	1.6521	0.5350	2.1872		22,973.0671	22,973.0671	0.2676	3.6208	24,058.7474
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0569	0.0468	0.4763	1.1100e-003	0.1232	8.2000e-004	0.1241	0.0327	7.6000e-004	0.0334		112.2572	112.2572	4.6000e-003	4.0200e-003	113.5704
Total	1.3741	59.5373	11.8044	0.2161	6.1502	0.5601	6.7102	1.6848	0.5358	2.2206		23,085.3243	23,085.3243	0.2722	3.6248	24,172.3178

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.5 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	0.0000
Vendor	0.0936	2.4700	0.7491	8.5500e-003	0.2709	0.0256	0.2965	0.0780	0.0245	0.1025		906.7279	906.7279	9.3700e-003	0.1335	946.7423
Worker	0.3867	0.3181	3.2386	7.5500e-003	0.8379	5.6100e-003	0.8435	0.2223	5.1700e-003	0.2274		763.3492	763.3492	0.0313	0.0273	772.2785
Total	0.4803	2.7881	3.9876	0.0161	1.1089	0.0312	1.1400	0.3003	0.0296	0.3299		1,670.0770	1,670.0770	0.0406	0.1608	1,719.0207

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.5 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	0.0000
Vendor	0.0936	2.4700	0.7491	8.5500e-003	0.2709	0.0256	0.2965	0.0780	0.0245	0.1025		906.7279	906.7279	9.3700e-003	0.1335	946.7423
Worker	0.3867	0.3181	3.2386	7.5500e-003	0.8379	5.6100e-003	0.8435	0.2223	5.1700e-003	0.2274		763.3492	763.3492	0.0313	0.0273	772.2785
Total	0.4803	2.7881	3.9876	0.0161	1.1089	0.0312	1.1400	0.3003	0.0296	0.3299		1,670.0770	1,670.0770	0.0406	0.1608	1,719.0207

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.5 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0562	2.0764	0.6526	8.2800e-003	0.2710	0.0130	0.2840	0.0780	0.0125	0.0905		877.7940	877.7940	7.5500e-003	0.1290	916.4325
Worker	0.3595	0.2802	2.9685	7.3200e-003	0.8379	5.2800e-003	0.8432	0.2223	4.8600e-003	0.2271		740.1983	740.1983	0.0282	0.0251	748.3888
Total	0.4157	2.3565	3.6211	0.0156	1.1089	0.0183	1.1272	0.3003	0.0173	0.3176		1,617.9923	1,617.9923	0.0357	0.1542	1,664.8213

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0562	2.0764	0.6526	8.2800e-003	0.2710	0.0130	0.2840	0.0780	0.0125	0.0905		877.7940	877.7940	7.5500e-003	0.1290	916.4325
Worker	0.3595	0.2802	2.9685	7.3200e-003	0.8379	5.2800e-003	0.8432	0.2223	4.8600e-003	0.2271		740.1983	740.1983	0.0282	0.0251	748.3888
Total	0.4157	2.3565	3.6211	0.0156	1.1089	0.0183	1.1272	0.3003	0.0173	0.3176		1,617.9923	1,617.9923	0.0357	0.1542	1,664.8213

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2267	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025		1,805.4304	1,805.4304	0.5673		1,819.6122

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429
Total	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.6 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9181	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122
Paving	0.3086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2267	8.7903	12.1905	0.0189		0.4357	0.4357		0.4025	0.4025	0.0000	1,805.4304	1,805.4304	0.5673		1,819.6122

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429
Total	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	117.8588					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	118.0504	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429
Total	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

3.7 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	117.8588					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	118.0504	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429
Total	0.0705	0.0549	0.5821	1.4400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.5000e-004	0.0445		145.1369	145.1369	5.5200e-003	4.9300e-003	146.7429

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8944	1.3078	8.9504	0.0167	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,701.1318	1,701.1318	0.1275	0.0909	1,731.3905
Unmitigated	0.8944	1.3078	8.9504	0.0167	1.6887	0.0152	1.7039	0.4504	0.0142	0.4646		1,701.1318	1,701.1318	0.1275	0.0909	1,731.3905

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	227.70	274.13	233.69	686,628	686,628
Total	227.70	274.13	233.69	686,628	686,628

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
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746
Unrefrigerated Warehouse-No Rail	0.512341	0.052370	0.194493	0.150484	0.029151	0.007004	0.010494	0.009415	0.001203	0.000586	0.027411	0.001303	0.003746

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
NaturalGas Unmitigated	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	1411.81	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Total		0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

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					
Parking Lot	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
Unrefrigerated Warehouse-No Rail	1.41181	0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828
Total		0.0152	0.1384	0.1163	8.3000e-004		0.0105	0.0105		0.0105	0.0105		166.0957	166.0957	3.1800e-003	3.0500e-003	167.0828

6.0 Area Detail

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Unmitigated	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

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	0.5812					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2800e-003	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Total	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

Crockers Lockers - Monterey Bay Unified APCD Air District, Winter

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

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.5812					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.2800e-003	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564
Total	3.8219	2.2000e-004	0.0247	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005		0.0530	0.0530	1.4000e-004		0.0564

7.0 Water Detail

7.1 Mitigation Measures Water

Crocker's Lockers - Monterey Bay Unified APCD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
