

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, **Winter**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Los Osos Hypothetical Mixed-Use Project

San Luis Obispo County, **Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	3.25	1000sqft	0.07	3,250.00	0
Day-Care Center	2.00	1000sqft	0.05	2,000.00	0
Parking Lot	100.00	Space	0.90	40,000.00	0
Fast Food Restaurant w/o Drive Thru	2.50	1000sqft	0.06	2,500.00	0
Fast Food Restaurant w/o Drive Thru	2.50	1000sqft	0.06	2,500.00	0
Condo/Townhouse	80.00	Dwelling Unit	5.00	80,000.00	229

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
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 -

Land Use -

Table Name	Column Name	Default Value	New Value
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2.0 Emissions Summary

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, **Winter**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
2023	2.7222	27.5669	20.0426	0.0400	19.8350	1.2669	21.1018	10.1497	1.1655	11.3152	0.0000	3,869.7856	3,869.7856	1.1968	0.0583	3,897.1687
2024	138.0899	14.2996	18.3264	0.0355	0.8501	0.6208	1.4709	0.2273	0.5839	0.8112	0.0000	3,445.6389	3,445.6389	0.7172	0.0564	3,478.1063
Maximum	138.0899	27.5669	20.0426	0.0400	19.8350	1.2669	21.1018	10.1497	1.1655	11.3152	0.0000	3,869.7856	3,869.7856	1.1968	0.0583	3,897.1687

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	2.7222	27.5669	20.0426	0.0400	19.8350	1.2669	21.1018	10.1497	1.1655	11.3152	0.0000	3,869.7856	3,869.7856	1.1968	0.0583	3,897.1687
2024	138.0899	14.2996	18.3264	0.0355	0.8501	0.6208	1.4709	0.2273	0.5839	0.8112	0.0000	3,445.6389	3,445.6389	0.7172	0.0564	3,478.1063
Maximum	138.0899	27.5669	20.0426	0.0400	19.8350	1.2669	21.1018	10.1497	1.1655	11.3152	0.0000	3,869.7856	3,869.7856	1.1968	0.0583	3,897.1687

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950
Energy	0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361
Mobile	10.3286	11.2297	75.3258	0.1173	12.1103	0.1214	12.2317	3.2305	0.1140	3.3445		12,114.8144	12,114.8144	1.1545	0.7633	12,371.1381
Total	13.3029	11.9567	82.3367	0.1217	12.1103	0.2092	12.3195	3.2305	0.2017	3.4322	0.0000	12,934.5582	12,934.5582	1.1815	0.7781	13,195.9691

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	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950
Energy	0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361
Mobile	10.3286	11.2297	75.3258	0.1173	12.1103	0.1214	12.2317	3.2305	0.1140	3.3445		12,114.8144	12,114.8144	1.1545	0.7633	12,371.1381
Total	13.3029	11.9567	82.3367	0.1217	12.1103	0.2092	12.3195	3.2305	0.2017	3.4322	0.0000	12,934.5582	12,934.5582	1.1815	0.7781	13,195.9691

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/3/2023	1/30/2023	5	20	
2	Site Preparation	Site Preparation	1/31/2023	2/13/2023	5	10	
3	Grading	Grading	2/14/2023	3/13/2023	5	20	
4	Building Construction	Building Construction	3/14/2023	1/29/2024	5	230	
5	Paving	Paving	1/30/2024	2/26/2024	5	20	
6	Architectural Coating	Architectural Coating	2/27/2024	3/25/2024	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 20

Acres of Paving: 0.9

Residential Indoor: 162,000; Residential Outdoor: 54,000; Non-Residential Indoor: 15,375; Non-Residential Outdoor: 5,125; Striped Parking Area: 2,400 (Architectural Coating – sqft)

OffRoad Equipment

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

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Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	78.00	17.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Demolition - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505
Total	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505

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3.2 Demolition - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505
Total	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0628	0.0427	0.4791	1.4400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.9000e-004	0.0480		147.3619	147.3619	4.2100e-003	4.2700e-003	148.7406
Total	0.0628	0.0427	0.4791	1.4400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.9000e-004	0.0480		147.3619	147.3619	4.2100e-003	4.2700e-003	148.7406

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3.3 Site Preparation - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0628	0.0427	0.4791	1.4400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.9000e-004	0.0480		147.3619	147.3619	4.2100e-003	4.2700e-003	148.7406
Total	0.0628	0.0427	0.4791	1.4400e-003	0.1780	8.5000e-004	0.1788	0.0472	7.9000e-004	0.0480		147.3619	147.3619	4.2100e-003	4.2700e-003	148.7406

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	1.7109	17.9359	14.7507	0.0297	7.0826	0.7749	7.8575	3.4247	0.7129	4.1377		2,872.6910	2,872.6910	0.9291		2,895.9182

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505
Total	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505

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3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	1.7109	17.9359	14.7507	0.0297	7.0826	0.7749	7.8575	3.4247	0.7129	4.1377	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505
Total	0.0523	0.0356	0.3993	1.2000e-003	0.1483	7.1000e-004	0.1490	0.0393	6.6000e-004	0.0400		122.8016	122.8016	3.5100e-003	3.5600e-003	123.9505

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0197	0.7039	0.2296	2.5300e-003	0.0790	4.0000e-003	0.0830	0.0228	3.8200e-003	0.0266		270.6213	270.6213	5.9800e-003	0.0398	282.6219
Worker	0.2721	0.1851	2.0761	6.2400e-003	0.7711	3.7000e-003	0.7748	0.2045	3.4100e-003	0.2079		638.5681	638.5681	0.0182	0.0185	644.5424
Total	0.2918	0.8890	2.3057	8.7700e-003	0.8501	7.7000e-003	0.8578	0.2273	7.2300e-003	0.2345		909.1894	909.1894	0.0242	0.0583	927.1642

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0197	0.7039	0.2296	2.5300e-003	0.0790	4.0000e-003	0.0830	0.0228	3.8200e-003	0.0266		270.6213	270.6213	5.9800e-003	0.0398	282.6219
Worker	0.2721	0.1851	2.0761	6.2400e-003	0.7711	3.7000e-003	0.7748	0.2045	3.4100e-003	0.2079		638.5681	638.5681	0.0182	0.0185	644.5424
Total	0.2918	0.8890	2.3057	8.7700e-003	0.8501	7.7000e-003	0.8578	0.2273	7.2300e-003	0.2345		909.1894	909.1894	0.0242	0.0583	927.1642

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0190	0.6908	0.2253	2.4800e-003	0.0790	3.9300e-003	0.0829	0.0228	3.7600e-003	0.0265		266.4701	266.4701	6.0500e-003	0.0391	278.2847
Worker	0.2566	0.1650	1.9343	6.0400e-003	0.7711	3.5100e-003	0.7746	0.2045	3.2400e-003	0.2078		623.4699	623.4699	0.0166	0.0172	629.0140
Total	0.2756	0.8558	2.1595	8.5200e-003	0.8501	7.4400e-003	0.8576	0.2273	7.0000e-003	0.2343		889.9400	889.9400	0.0226	0.0564	907.2987

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0190	0.6908	0.2253	2.4800e-003	0.0790	3.9300e-003	0.0829	0.0228	3.7600e-003	0.0265		266.4701	266.4701	6.0500e-003	0.0391	278.2847
Worker	0.2566	0.1650	1.9343	6.0400e-003	0.7711	3.5100e-003	0.7746	0.2045	3.2400e-003	0.2078		623.4699	623.4699	0.0166	0.0172	629.0140
Total	0.2756	0.8558	2.1595	8.5200e-003	0.8501	7.4400e-003	0.8576	0.2273	7.0000e-003	0.2343		889.9400	889.9400	0.0226	0.0564	907.2987

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.1179					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.1179					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642
Total	0.0494	0.0317	0.3720	1.1600e-003	0.1483	6.8000e-004	0.1490	0.0393	6.2000e-004	0.0400		119.8981	119.8981	3.1900e-003	3.3100e-003	120.9642

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	137.8565					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	138.0373	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0339	0.3968	1.2400e-003	0.1582	7.2000e-004	0.1589	0.0420	6.6000e-004	0.0426		127.8913	127.8913	3.4000e-003	3.5300e-003	129.0285
Total	0.0526	0.0339	0.3968	1.2400e-003	0.1582	7.2000e-004	0.1589	0.0420	6.6000e-004	0.0426		127.8913	127.8913	3.4000e-003	3.5300e-003	129.0285

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	137.8565					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	138.0373	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0526	0.0339	0.3968	1.2400e-003	0.1582	7.2000e-004	0.1589	0.0420	6.6000e-004	0.0426		127.8913	127.8913	3.4000e-003	3.5300e-003	129.0285
Total	0.0526	0.0339	0.3968	1.2400e-003	0.1582	7.2000e-004	0.1589	0.0420	6.6000e-004	0.0426		127.8913	127.8913	3.4000e-003	3.5300e-003	129.0285

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	10.3286	11.2297	75.3258	0.1173	12.1103	0.1214	12.2317	3.2305	0.1140	3.3445		12,114.81 44	12,114.81 44	1.1545	0.7633	12,371.13 81
Unmitigated	10.3286	11.2297	75.3258	0.1173	12.1103	0.1214	12.2317	3.2305	0.1140	3.3445		12,114.81 44	12,114.81 44	1.1545	0.7633	12,371.13 81

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	585.60	651.20	502.40	1,481,946	1,481,946
Day-Care Center	95.24	12.44	11.68	66,884	66,884
Fast Food Restaurant w/o Drive Thru	865.58	1,740.00	1250.00	1,178,424	1,178,424
Fast Food Restaurant w/o Drive Thru	865.58	1,740.00	1250.00	1,178,424	1,178,424
General Office Building	31.66	7.18	2.28	54,510	54,510
Parking Lot	0.00	0.00	0.00		
Total	2,443.65	4,150.82	3,016.36	3,960,187	3,960,187

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Day-Care Center	13.00	5.00	5.00	12.70	82.30	5.00	28	58	14
Fast Food Restaurant w/o Drive	13.00	5.00	5.00	1.50	79.50	19.00	51	37	12
Fast Food Restaurant w/o Drive	13.00	5.00	5.00	1.50	79.50	19.00	51	37	12
General Office Building	13.00	5.00	5.00	33.00	48.00	19.00	77	19	4
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.486418	0.056693	0.203223	0.148945	0.038507	0.009459	0.008260	0.005996	0.000952	0.000366	0.033245	0.001002	0.006934
Day-Care Center	0.486418	0.056693	0.203223	0.148945	0.038507	0.009459	0.008260	0.005996	0.000952	0.000366	0.033245	0.001002	0.006934
Fast Food Restaurant w/o Drive Thru	0.486418	0.056693	0.203223	0.148945	0.038507	0.009459	0.008260	0.005996	0.000952	0.000366	0.033245	0.001002	0.006934
General Office Building	0.486418	0.056693	0.203223	0.148945	0.038507	0.009459	0.008260	0.005996	0.000952	0.000366	0.033245	0.001002	0.006934
Parking Lot	0.486418	0.056693	0.203223	0.148945	0.038507	0.009459	0.008260	0.005996	0.000952	0.000366	0.033245	0.001002	0.006934

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Natural Gas Mitigated	0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361
Natural Gas Unmitigated	0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	3782.93	0.0408	0.3486	0.1484	2.2300e-003		0.0282	0.0282		0.0282	0.0282		445.0506	445.0506	8.5300e-003	8.1600e-003	447.6954
Day-Care Center	100.11	1.0800e-003	9.8100e-003	8.2400e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7776	11.7776	2.3000e-004	2.2000e-004	11.8476
Fast Food Restaurant w/o Drive Thru	1419.66	0.0306	0.2784	0.2338	1.6700e-003		0.0212	0.0212		0.0212	0.0212		334.0371	334.0371	6.4000e-003	6.1200e-003	336.0221
General Office Building	144.247	1.5600e-003	0.0141	0.0119	8.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003		16.9702	16.9702	3.3000e-004	3.1000e-004	17.0710
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
Total		0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	3.78293	0.0408	0.3486	0.1484	2.2300e-003		0.0282	0.0282		0.0282	0.0282		445.0506	445.0506	8.5300e-003	8.1600e-003	447.6954
Day-Care Center	0.10011	1.0800e-003	9.8100e-003	8.2400e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7776	11.7776	2.3000e-004	2.2000e-004	11.8476
Fast Food Restaurant w/o Drive Thru	1.41966	0.0306	0.2784	0.2338	1.6700e-003		0.0212	0.0212		0.0212	0.0212		334.0371	334.0371	6.4000e-003	6.1200e-003	336.0221
General Office Building	0.144247	1.5600e-003	0.0141	0.0119	8.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003		16.9702	16.9702	3.3000e-004	3.1000e-004	17.0710
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
Total		0.0741	0.6509	0.4023	4.0400e-003		0.0512	0.0512		0.0512	0.0512		807.8355	807.8355	0.0155	0.0148	812.6361

6.0 Area Detail

6.1 Mitigation Measures Area

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950
Unmitigated	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950

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	0.7554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.9455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1994	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366		11.9083	11.9083	0.0115		12.1950
Total	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.7554					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.9455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1994	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366		11.9083	11.9083	0.0115		12.1950
Total	2.9003	0.0761	6.6086	3.5000e-004		0.0366	0.0366		0.0366	0.0366	0.0000	11.9083	11.9083	0.0115	0.0000	12.1950

7.0 Water Detail

7.1 Mitigation Measures Water

Los Osos Hypothetical Mixed-Use Project - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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
