

Appendix D

CalEEMod Model Results

21-10972 SLO Water Ordinance Assumptions

CalEEMod Inputs that are not modeling defaults:

Project Location	County	
	SLO	
Climate Zone		4
Urbanization	Rural	
Operational Year (Buildout)		2045
Construction Year		2023 (22 years)
Utility Company	Pacific Gas and Electric	

Project Comparison

PBLUMA Area		5,221 AC
Site Size		20 AC
# Sites		264 Sites
	Constructed in one year	12 Sites
	Operational in start of 2045	252 Sites
Wells		
	New Wells	88 Wells
	Wells built per year	4 Well
	Wells built concurrently	2 Well
# Well Pumps		
	New Pumps	88 Pumps
	New Booster	264 Pumps
	Operational in December 2044	260 Pumps

21-10972 SLO Water Ordinance Assumptions

Construction and operational Assumptions

Construction Activities:

# Sites	12
Wells built per year	4
Wells built concurrently	2

Project Schedule:

Phase Name	Phase Type	Start date	End Date	Days/Week	Total Days
Const - Site Preparation	Site Preparation	1/1/23	1/27/23	5	20
Const - Well Development	Grading	1/1/23	1/13/23	5	10
Op - Site Prep - Discing	Grading	4/1/23	4/2/23	7	2
Op - Site Prep - Mowing	Grading	4/3/23	4/3/23	7	1
Op - Planting - Worker	BC	4/4/23	4/11/23	7	8
Op - Planting - Foreman	BC	4/4/23	4/20/23	7	17
Op - Maint - General - Worker	BC	5/1/23	5/17/23	7	17
Op - Maint - General - Foreman	BC	5/1/23	5/29/23	7	29
Op - Maint - Fung. Herb.	Grading	6/1/23	6/9/23	7	9
Op - Harvesting - Equip	Grading	7/1/2023	7/3/2023	7	3
Op - Harvesting - Worker Only	BC	7/4/2023	7/11/2023	7	8
Op - Harvesting - Foreman Only	BC	7/4/2023	7/11/2023	7	26
Op - Well Operations	BC	8/1/2023	8/30/2023	7	30

Note:

1. Each phase is modeled as consecutive days for ease of modeling. However Planting/Pruning, Maintenance and harvesting would occur intermittently throughout the year depending on when the crop planted.

21-10972 SLO Water Ordinance Assumptions

Trips and VMT

Phase Name	# Trips			VMT/Trip		
	Worker	Vendor	Haul	Worker	Vendor	Haul
Const - Site Preparation	4	0	0	32	d	d
Const - Well Development	4	0	0	54	d	d
Op - Site Prep - Discing	4	0	0	32	d	d
Op - Site Prep - Mowing	4	0	0	32	d	d
Op - Planting - Worker	2	0	0	54	d	d
Op - Planting - Foreman	2	0	0	10	d	d
Op - Maint - General - Worker	2	0	0	54	d	d
Op - Maint - General - Foreman	2	0	0	10	d	0
Op - Maint - Fung. Herb.	4	0	0	43.25	d	d
Op - Harvesting - Equip	4	0	26	32	d	108
Op - Harvesting - Worker Only	2	0	0	54	d	d
Op - Harvesting - Foreman Only	2	0	0	10	d	d
Op - Well Operations	0	0	0	0	d	d

Mileage Determination

	worker Vehicles			Foreman Vehicles			Average	
	Trips/day	Miles/trip	# days	#	Miles	# days	# Trips/day	Miles/trip
Const - Site Preparation	2	54	20	2	10	20	4	32
Op - Site Prep - Discing	2	54	2	2	10	2	4	32
Op - Site Prep - Mowing	2	54	1	2	10	1	4	32
Op - Harvesting - Equip	2	54	3	2	10	3	4	32
Op - Maint - Fung. Herb.	2	54	8	2	10	26	4	43.25

21-10972 SLO Water Ordinance Assumptions

Notes:

1. Paved Road percentage reduced to 97% to account for the rural environment and travel on site access roads.
2. Foreman is assumed to travel to the site via personal vehicle and not operate any diesel equipment. Therefore length of phase is based on diesel equipment use where diesel equipment is used. When diesel equipment is not used, phase length is based on worker site access.
3. Vehicle miles per day is the average vehicle miles per # of worker days.
4. Haul trips = 2,208 miles per year divided by 108 miles per trip = 26 trips per year. Assumed over 3 days.
= 13 round trips per year, or approximately 4.33 one-way trips per day.

21-10972 SLO Water Ordinance Assumptions

Onsite Equipment

Phase Name	Equipment Type	#	Hours/ day	Horse Power	Load Factor
Const - Site Preparation	Crawler Tractors	2	8	d	d
Const - Site Preparation	Excavators	2	8	d	d
Const - Site Preparation	Rubber Tired Dozers	0	8	d	d
Const - Site Preparation	Tractor	2	8	d	d
Const - Well Development	Bore/Drill Rigs	1	20	d	d
Op - Site Prep - Discing	Tractor	1	12	95	d
Op - Site Prep - Mowing	Tractor	1	12	95	d
Op - Planting - Worker	None	0	0	0	0
Op - Planting - Foreman	None	0	0	0	0
Op - Maint - General - Worker	None	0	0	0	0
Op - Maint - General - Foreman	None	0	0	0	0
Op - Maint - Fung. Herb.	Tractor	1	12	95	d
Op - Harvesting - Equip	Other Construction Equipment	1	12	140	0.38
	Tractor	2	12	95	d
Op - Harvesting - Worker Only	None	0	0	0	0
Op - Harvesting - Foreman Only	None	0	0	0	0
Op - Well Operations	Pumps	2	4	7	d

Notes:

1. d = CalEEMod default value
2. Equipment taken from the Project Description and Appendix B (Paso Basin Land Use Management Area (PBLUMA) Planting Ordinance).
3. Grading assumed at default of 20 acres during Site Preparation activities, planting and harvesting.

21-10972 SLO Water Ordinance Air Quality Emissions - Unmitigated

Estimated Construction Air Pollutant Emissions

Estimated Construction Emissions (Pounds per Day)			
	ROG + NOX	DPM	Dust
<i>One Site</i>			
Site Development	18	1	7
Well Development	6	0	10
Total	24	1	17
<i>12 Sites</i>			
Site Development	216	8	82
Well Development	11	0	19
Total	228	9	101
<i>SLOAPCD Thresholds</i>	<i>137</i>	<i>7</i>	<i>-</i>
Threshold Exceeded?	Yes	Yes	No

Notes: All calculations were made using CalEEMod Version 2020.4.0. See Appendix D for model results.

Emissions include the sum of agricultural operations (construction emissions in CalEEMod) and residential operations (operational emissions in CalEEMod).

Estimated Operational Air Pollutant Emissions

Estimated Operational Emissions				
	ROG + NOX	DPM	Dust	CO
One Site - Daily (Pounds per Day)				
Site Preparation	3	0.1	16	4
Maintenance	3	0.1	6	4
Harvesting	16	0.5	48	12
Pump Operation	0.46	0.02	0.00	0.32
Total	17	1	48	13
264 Sites - Daily (Pounds per Day)				
Site Preparation (241 Sites)	636	28	4,120	887
Maintenance (241 Sites)	636	28	1,448	887
Harvesting (241 Sites)	4,138	122	12,063	3,073
Pump Operation (260 Pumps)	99	4	0	69
Site Development (12 Sites)	216	8.40	82	0
Well Construction (2 Wells)	11	0.33	19	0
Total	4,465	134	12,164	3,142
<i>SLOAPCD Thresholds</i>	25	1.25	25	550
Threshold Exceeded?	Yes	Yes	Yes	Yes
One Site - Annual (tons/year)				
Site Preparation	0.00	0.0002	0.04	0.006
Maintenance	0.01	0.0005	0.07	0.018
Harvesting	0.02	0.0007	0.09	0.020
Well Operation	0.01	0.0003	0.00	0.005
Total	0.05	0.0017	0.20	0.05
264 Sites - Annual (tons/year)				
Site Preparation (241 Sites)	1	0.0	11	2
Maintenance (241 Sites)	3	0.1	18	5
Harvesting (241 Sites)	6	0.2	23	5
Pump Operation (260 Pumps)	1	0.06	0.00	1
Site Development (12 Sites)	2	0.08	1	2
Well Construction (4 Wells)	0.00	0.00	0.07	0.00
Total	13	0.45	41	12
<i>SLOAPCD Thresholds</i>	25	-	25	-
Threshold Exceeded?	No	No	Yes	No

Notes: All calculations were made using CalEEMod Version 2020.4.0. See Appendix D for model results.

Emissions include the sum of agricultural operations (construction emissions in CalEEMod) and residential operations (operational emissions in CalEEMod).

21-10972 SLO Water Ordinance Air Quality Emissions - Mitigated

Estimated Construction Air Pollutant Emissions

Estimated Construction Emissions (Pounds per Day)			
	ROG + NOX	DPM	Dust
<i>One Site</i>			
Site Development	18	0.7	4.0
Well Development	6	0.2	10
Total	24	0.9	13.7
<i>12 Sites</i>			
Site Development	216	8.4	48.4
Well Development	11	0.3	19.4
Total	228	8.7	67.8
<i>SLOAPCD Thresholds</i>	<i>137</i>	<i>7</i>	<i>-</i>
Threshold Exceeded?	Yes	Yes	No

Notes: All calculations were made using CalEEMod Version 2020.4.0. See Appendix D for model results.

Emissions include the sum of agricultural operations (construction emissions in CalEEMod) and residential operations (operational emissions in CalEEMod).

**21-10972 SLO Water Ordinance
Unmitigated GHG Emissions**

Unmitigated

Construction Emissions

Emission Source	Annual Emissions (MT CO₂e)
One Site	
Site Development	29
Well Development	11
Total	40
12 Sites (one year)	
Site Development	351
Well Development	44
Total	396
264 Sites	
Site Development	7,727
Well Development	975
Total	8,702
Amortized Emissions	
1 Site	1
12 Sites (one year)	13
264 Sites	290

**21-10972 SLO Water Ordinance
Unmitigated GHG Emissions**

Operational Emissions

Emission Source	Annual Emissions (MT CO₂e)
One Site	
Site Preparation	1
Maintenance	3
Harvesting	7
Pump Operation	9
Total	19
Total w/ Amortized Const.	21
12 Sites (Initial year)	
Site Preparation	13
Maintenance	34
Harvesting	84
Pump Operation	102
Total	233
Total w/ Amortized Const.	246
264 Sites	
Site Preparation	281
Maintenance	751
Harvesting	1,849
Pump Operation	1,853
Total	4,734
Amortized Construction	290
Total Operational Emissions	5,024
Threshold	690
Exceed Threshold?	Yes

**21-10972 SLO Water Ordinance
Mitigated GHG Emissions**

Mitigated

Construction Emissions

Emission Source	Annual Emissions (MT CO₂e)
One Site	
Site Development	29
Well Development	11
Total	40
12 Sites (one year)	
Site Development	351
Well Development	44
Total	396
264 Sites	
Site Development	7,727
Well Development	975
Total	8,702
Amortized Emissions	
1 Site	1
12 Sites (one year)	13
264 Sites	290

SLO Water Ordinance - San Luis Obispo County, Winter

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

**SLO Water Ordinance
San Luis Obispo County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	20.00	Acre	20.00	871,200.00	0

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/MW hr)	203.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction and Operation for 1 new ag site @ 20 acres. Construction and operational activities modeled through the construction phasing due to the nature of operational activities.

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

SLO Water Ordinance - San Luis Obispo County, Winter

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

Grading - See Assumptions

Trips and VMT - See Assumptions

On-road Fugitive Dust - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Consumer Products - no op consumer products

Area Coating - no AC

Landscape Equipment - no landscaping

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	300.00	8.00
tblConstructionPhase	NumDays	300.00	29.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	300.00	26.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	2.00
tblConstructionPhase	NumDays	30.00	1.00
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	30.00	9.00
tblConstructionPhase	NumDays	30.00	3.00
tblConstructionPhase	NumDays	300.00	8.00

SLO Water Ordinance - San Luis Obispo County, Winter

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

tblConstructionPhase	NumDays	300.00	30.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	PhaseEndDate	12/30/2022	4/11/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/13/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/27/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	4/4/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblGrading	AcresOfGrading	0.00	20.00
tblLandscapeEquipment	NumberSummerDays	330	0
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	172.00	140.00
tblOffRoadEquipment	HorsePower	84.00	7.00

SLO Water Ordinance - San Luis Obispo County, Winter

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

tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

SLO Water Ordinance - San Luis Obispo County, Winter

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

tbITripsAndVMT	HaulingTripLength	20.00	108.00
tbITripsAndVMT	HaulingTripNumber	0.00	26.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripNumber	15.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	0.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00

SLO Water Ordinance - San Luis Obispo County, Winter

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

tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	8.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00

2.0 Emissions Summary

SLO Water Ordinance - San Luis Obispo County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005	0.0000	4.6600e-003

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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005	0.0000	4.6600e-003

SLO Water Ordinance - 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
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	Const - Site Preparation	Site Preparation	1/1/2023	1/27/2023	5	20	
2	Const - Well Development	Grading	1/1/2023	1/13/2023	5	10	
3	Op - Site Prep - Discing	Grading	4/1/2023	4/2/2023	7	2	
4	Op - Site Prep - Mowing	Grading	4/3/2023	4/3/2023	7	1	
5	Op - Planting - Worker	Building Construction	4/4/2023	4/11/2023	7	8	
6	Op - Maint - General - Worker	Building Construction	5/1/2023	5/17/2023	7	17	
7	Op - Maint - Fung. Herb	Grading	6/1/2023	6/9/2023	7	9	
8	Op - Harvesting - Equipment	Grading	7/1/2023	7/3/2023	7	3	
9	Op - Harvesting - Worker Commuter Only	Building Construction	7/4/2023	7/11/2023	7	8	
10	Op - Well Operations	Building Construction	8/1/2023	8/30/2023	7	30	
11	Op - Planting - Foreman	Building Construction	4/4/2023	4/20/2023	7	17	
12	Op - Maint - General - Foreman	Building Construction	5/1/2023	5/29/2023	7	29	
13	Op - Harvesting - Foreman Commuter Only	Building Construction	7/4/2023	7/29/2023	7	26	

Acres of Grading (Site Preparation Phase): 20

Acres of Grading (Grading Phase): 0

Acres of Paving: 20

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

SLO Water Ordinance - San Luis Obispo County, Winter

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Const - Site Preparation	Excavators	2	8.00	158	0.38
Const - Well Development	Bore/Drill Rigs	1	20.00	221	0.50
Op - Harvesting - Equipment	Other Construction Equipment	1	12.00	140	0.38
Op - Well Operations	Pumps	2	4.00	7	0.74
Op - Planting - Foreman	Cranes	0	7.00	231	0.29
Op - Maint - General - Foreman	Cranes	0	7.00	231	0.29
Op - Harvesting - Forman Commute Only	Cranes	0	7.00	231	0.29
Op - Planting - Foreman	Forklifts	0	8.00	89	0.20
Op - Maint - General - Foreman	Forklifts	0	8.00	89	0.20
Op - Harvesting - Forman Commute Only	Forklifts	0	8.00	89	0.20
Op - Planting - Foreman	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Foreman	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Forman Commute Only	Generator Sets	0	8.00	84	0.74
Op - Planting - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Forman Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Planting - Foreman	Welders	0	8.00	46	0.45
Op - Maint - General - Foreman	Welders	0	8.00	46	0.45
Op - Harvesting - Forman Commute Only	Welders	0	8.00	46	0.45
Op - Well Operations	Cranes	0	7.00	231	0.29
Op - Maint - General - Worker	Cranes	0	7.00	231	0.29
Op - Planting - Worker	Cranes	0	7.00	231	0.29
Op - Harvesting - Worker Commute Only	Cranes	0	7.00	231	0.29
Const - Well Development	Excavators	0	8.00	158	0.38
Op - Planting - Worker	Forklifts	0	8.00	89	0.20

SLO Water Ordinance - San Luis Obispo County, Winter

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

Op - Planting - Worker	Generator Sets	0	8.00	84	0.74
Const - Well Development	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Excavators	0	8.00	158	0.38
Op - Site Prep - Mowing	Excavators	0	8.00	158	0.38
Op - Maint - Fung. Herb	Excavators	0	8.00	158	0.38
Op - Harvesting - Equipment	Excavators	0	8.00	158	0.38
Const - Well Development	Rubber Tired Dozers	0	8.00	247	0.40
Const - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Const - Well Development	Scrapers	0	8.00	367	0.48
Op - Planting - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Const - Well Development	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Const - Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Op - Planting - Worker	Welders	0	8.00	46	0.45
Op - Well Operations	Forklifts	0	8.00	89	0.20
Op - Maint - General - Worker	Forklifts	0	8.00	89	0.20
Op - Harvesting - Worker Commute Only	Forklifts	0	8.00	89	0.20
Op - Well Operations	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Worker	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Worker Commute Only	Generator Sets	0	8.00	84	0.74
Op - Site Prep - Discing	Graders	0	8.00	187	0.41
Op - Site Prep - Mowing	Graders	0	8.00	187	0.41
Op - Maint - Fung. Herb	Graders	0	8.00	187	0.41
Op - Harvesting - Equipment	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Mowing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Maint - Fung. Herb	Rubber Tired Dozers	0	8.00	247	0.40
Op - Harvesting - Equipment	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Discing	Scrapers	0	8.00	367	0.48

SLO Water Ordinance - San Luis Obispo County, Winter

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

Op - Site Prep - Mowing	Scrapers	0	8.00	367	0.48
Op - Maint - Fung. Herb	Scrapers	0	8.00	367	0.48
Op - Harvesting - Equipment	Scrapers	0	8.00	367	0.48
Op - Well Operations	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Worker Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Site Prep - Discing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Site Prep - Mowing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Maint - Fung. Herb	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Harvesting - Equipment	Tractors/Loaders/Backhoes	2	12.00	95	0.37
Op - Well Operations	Welders	0	8.00	46	0.45
Op - Maint - General - Worker	Welders	0	8.00	46	0.45
Op - Harvesting - Worker Commute Only	Welders	0	8.00	46	0.45
Const - Site Preparation	Crawler Tractors	2	8.00	212	0.43

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
Op - Site Prep - Discing	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Site Preparation	6	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Well Development	1	4.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Planting - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Site Prep - Mowing	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - Fung. Herb	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Equipment	3	4.00	0.00	26.00	32.00	5.00	108.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Worker Commute Only	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Well Operations	2	0.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

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

Op - Planting - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Foreman Commute Onl	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Const - 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					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	1.5678	16.4047	15.4855	0.0322		0.7004	0.7004		0.6443	0.6443		3,120.6766	3,120.6766	1.0093		3,145.9088
Total	1.5678	16.4047	15.4855	0.0322	1.0605	0.7004	1.7609	0.1145	0.6443	0.7588		3,120.6766	3,120.6766	1.0093		3,145.9088

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.2 Const - Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	1.5678	16.4047	15.4855	0.0322		0.7004	0.7004		0.6443	0.6443	0.0000	3,120.6766	3,120.6766	1.0093		3,145.9088
Total	1.5678	16.4047	15.4855	0.0322	0.4772	0.7004	1.1776	0.0515	0.6443	0.6959	0.0000	3,120.6766	3,120.6766	1.0093		3,145.9088

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.2 Const - Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

3.3 Const - Well Development - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5378	5.0989	5.0822	0.0237		0.1651	0.1651		0.1519	0.1519		2,288.5081	2,288.5081	0.7402		2,307.0119
Total	0.5378	5.0989	5.0822	0.0237	0.0000	0.1651	0.1651	0.0000	0.1519	0.1519		2,288.5081	2,288.5081	0.7402		2,307.0119

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.3 Const - Well Development - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0321	0.3641	1.3000e-003	9.6963	7.3000e-004	9.6971	0.9941	6.7000e-004	0.9948		133.5401	133.5401	1.9900e-003	3.0900e-003	134.5114
Total	0.0421	0.0321	0.3641	1.3000e-003	9.6963	7.3000e-004	9.6971	0.9941	6.7000e-004	0.9948		133.5401	133.5401	1.9900e-003	3.0900e-003	134.5114

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5378	5.0989	5.0822	0.0237		0.1651	0.1651		0.1519	0.1519	0.0000	2,288.5081	2,288.5081	0.7402		2,307.0119
Total	0.5378	5.0989	5.0822	0.0237	0.0000	0.1651	0.1651	0.0000	0.1519	0.1519	0.0000	2,288.5081	2,288.5081	0.7402		2,307.0119

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.3 Const - Well Development - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0421	0.0321	0.3641	1.3000e-003	5.9986	7.3000e-004	5.9993	0.6243	6.7000e-004	0.6250		133.5401	133.5401	1.9900e-003	3.0900e-003	134.5114
Total	0.0421	0.0321	0.3641	1.3000e-003	5.9986	7.3000e-004	5.9993	0.6243	6.7000e-004	0.6250		133.5401	133.5401	1.9900e-003	3.0900e-003	134.5114

3.4 Op - Site Prep - Discing - 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					10.6050	0.0000	10.6050	1.1451	0.0000	1.1451			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	10.6050	0.1114	10.7164	1.1451	0.1025	1.2476		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.4 Op - Site Prep - Discing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7723	0.0000	4.7723	0.5153	0.0000	0.5153			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	4.7723	0.1114	4.8836	0.5153	0.1025	0.6178	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.4 Op - Site Prep - Discing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

3.5 Op - Site Prep - Mowing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - 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 Op - Site Prep - Mowing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - 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 Op - Site Prep - Mowing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

3.6 Op - Planting - Worker - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - 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 Op - Planting - Worker - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - 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 Op - Planting - Worker - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

3.7 Op - Maint - General - Worker - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - 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 Op - Maint - General - Worker - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - 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 Op - Maint - General - Worker - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

3.8 Op - Maint - Fung. Herb - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.8 Op - Maint - Fung. Herb - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.8 Op - Maint - Fung. Herb - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706

3.9 Op - Harvesting - Equipment - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8296	8.3096	10.9774	0.0160		0.4204	0.4204		0.3868	0.3868		1,546.9457	1,546.9457	0.5003		1,559.4536
Total	0.8296	8.3096	10.9774	0.0160	0.0000	0.4204	0.4204	0.0000	0.3868	0.3868		1,546.9457	1,546.9457	0.5003		1,559.4536

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.9 Op - Harvesting - Equipment - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0888	7.1476	0.9803	0.0281	42.1236	0.0614	42.1850	4.3431	0.0588	4.4019		3,067.2829	3,067.2829	0.1082	0.4861	3,214.8515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.1158	7.1676	1.2062	0.0289	47.8696	0.0619	47.9315	4.9322	0.0592	4.9914		3,146.7389	3,146.7389	0.1097	0.4881	3,294.9221

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8296	8.3096	10.9774	0.0160		0.4204	0.4204		0.3868	0.3868	0.0000	1,546.9457	1,546.9457	0.5003		1,559.4536
Total	0.8296	8.3096	10.9774	0.0160	0.0000	0.4204	0.4204	0.0000	0.3868	0.3868	0.0000	1,546.9457	1,546.9457	0.5003		1,559.4536

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.9 Op - Harvesting - Equipment - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0888	7.1476	0.9803	0.0281	26.0999	0.0614	26.1613	2.7407	0.0588	2.7995		3,067.2829	3,067.2829	0.1082	0.4861	3,214.8515
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0270	0.0200	0.2259	7.8000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		79.4560	79.4560	1.4300e-003	1.9400e-003	80.0706
Total	0.1158	7.1676	1.2062	0.0289	29.6546	0.0619	29.7165	3.1107	0.0592	3.1699		3,146.7389	3,146.7389	0.1097	0.4881	3,294.9221

3.10 Op - Harvesting - Worker Commute Only - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.10 Op - Harvesting - Worker Commute Only - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.10 Op - Harvesting - Worker Commute Only - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557
Total	0.0211	0.0161	0.1821	6.5000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		66.7700	66.7700	1.0000e-003	1.5500e-003	67.2557

3.11 Op - Well Operations - 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	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177		51.9196	51.9196	5.7600e-003		52.0634
Total	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177		51.9196	51.9196	5.7600e-003		52.0634

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.11 Op - Well Operations - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	51.9196	51.9196	5.7600e-003		52.0634
Total	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	51.9196	51.9196	5.7600e-003		52.0634

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.11 Op - Well Operations - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

3.12 Op - Planting - Foreman - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.12 Op - Planting - Foreman - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.12 Op - Planting - Foreman - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

3.13 Op - Maint - General - Foreman - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.13 Op - Maint - General - Foreman - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.13 Op - Maint - General - Foreman - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

3.14 Op - Harvesting - Forman Commute Only - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.14 Op - Harvesting - Forman Commute Only - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Winter

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

3.14 Op - Harvesting - Forman Commute Only - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149
Total	5.9500e-003	3.9200e-003	0.0438	1.2000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		12.6860	12.6860	4.3000e-004	4.0000e-004	12.8149

SLO Water Ordinance - 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Other Non-Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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

SLO Water Ordinance - San Luis Obispo County, Winter

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

SLO Water Ordinance - 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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Unmitigated	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003

SLO Water Ordinance - 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

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003

SLO Water Ordinance - 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003

7.0 Water Detail

7.1 Mitigation Measures Water

SLO Water Ordinance - 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

SLO Water Ordinance - San Luis Obispo County, Summer

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

**SLO Water Ordinance
San Luis Obispo County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	20.00	Acre	20.00	871,200.00	0

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/MW hr)	203.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Construction and Operation for 1 new ag site @ 20 acres. Construction and operational activities modeled through the construction phasing due to the nature of operational activities.

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

SLO Water Ordinance - San Luis Obispo County, Summer

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

Grading - See Assumptions

Trips and VMT - See Assumptions

On-road Fugitive Dust - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Consumer Products - no op consumer products

Area Coating - no AC

Landscape Equipment - no landscaping

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	300.00	8.00
tblConstructionPhase	NumDays	300.00	29.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	300.00	26.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	2.00
tblConstructionPhase	NumDays	30.00	1.00
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	30.00	9.00
tblConstructionPhase	NumDays	30.00	3.00
tblConstructionPhase	NumDays	300.00	8.00

SLO Water Ordinance - San Luis Obispo County, Summer

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

tblConstructionPhase	NumDays	300.00	30.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	PhaseEndDate	12/30/2022	4/11/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/13/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/27/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	4/4/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblGrading	AcresOfGrading	0.00	20.00
tblLandscapeEquipment	NumberSummerDays	330	0
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	172.00	140.00
tblOffRoadEquipment	HorsePower	84.00	7.00

SLO Water Ordinance - San Luis Obispo County, Summer

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

tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

SLO Water Ordinance - San Luis Obispo County, Summer

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

tbITripsAndVMT	HaulingTripLength	20.00	108.00
tbITripsAndVMT	HaulingTripNumber	0.00	26.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripNumber	15.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	0.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00

SLO Water Ordinance - San Luis Obispo County, Summer

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

tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	8.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00

2.0 Emissions Summary

SLO Water Ordinance - San Luis Obispo County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005	0.0000	4.6600e-003

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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005	0.0000	4.6600e-003

SLO Water Ordinance - San Luis Obispo County, Summer

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
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	Const - Site Preparation	Site Preparation	1/1/2023	1/27/2023	5	20	
2	Const - Well Development	Grading	1/1/2023	1/13/2023	5	10	
3	Op - Site Prep - Discing	Grading	4/1/2023	4/2/2023	7	2	
4	Op - Site Prep - Mowing	Grading	4/3/2023	4/3/2023	7	1	
5	Op - Planting - Worker	Building Construction	4/4/2023	4/11/2023	7	8	
6	Op - Maint - General - Worker	Building Construction	5/1/2023	5/17/2023	7	17	
7	Op - Maint - Fung. Herb	Grading	6/1/2023	6/9/2023	7	9	
8	Op - Harvesting - Equipment	Grading	7/1/2023	7/3/2023	7	3	
9	Op - Harvesting - Worker Commuter Only	Building Construction	7/4/2023	7/11/2023	7	8	
10	Op - Well Operations	Building Construction	8/1/2023	8/30/2023	7	30	
11	Op - Planting - Foreman	Building Construction	4/4/2023	4/20/2023	7	17	
12	Op - Maint - General - Foreman	Building Construction	5/1/2023	5/29/2023	7	29	
13	Op - Harvesting - Foreman Commuter Only	Building Construction	7/4/2023	7/29/2023	7	26	

Acres of Grading (Site Preparation Phase): 20

Acres of Grading (Grading Phase): 0

Acres of Paving: 20

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

SLO Water Ordinance - San Luis Obispo County, Summer

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Const - Site Preparation	Excavators	2	8.00	158	0.38
Const - Well Development	Bore/Drill Rigs	1	20.00	221	0.50
Op - Harvesting - Equipment	Other Construction Equipment	1	12.00	140	0.38
Op - Well Operations	Pumps	2	4.00	7	0.74
Op - Planting - Foreman	Cranes	0	7.00	231	0.29
Op - Maint - General - Foreman	Cranes	0	7.00	231	0.29
Op - Harvesting - Forman Commute Only	Cranes	0	7.00	231	0.29
Op - Planting - Foreman	Forklifts	0	8.00	89	0.20
Op - Maint - General - Foreman	Forklifts	0	8.00	89	0.20
Op - Harvesting - Forman Commute Only	Forklifts	0	8.00	89	0.20
Op - Planting - Foreman	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Foreman	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Forman Commute Only	Generator Sets	0	8.00	84	0.74
Op - Planting - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Forman Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Planting - Foreman	Welders	0	8.00	46	0.45
Op - Maint - General - Foreman	Welders	0	8.00	46	0.45
Op - Harvesting - Forman Commute Only	Welders	0	8.00	46	0.45
Op - Well Operations	Cranes	0	7.00	231	0.29
Op - Maint - General - Worker	Cranes	0	7.00	231	0.29
Op - Planting - Worker	Cranes	0	7.00	231	0.29
Op - Harvesting - Worker Commute Only	Cranes	0	7.00	231	0.29
Const - Well Development	Excavators	0	8.00	158	0.38
Op - Planting - Worker	Forklifts	0	8.00	89	0.20

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

Op - Planting - Worker	Generator Sets	0	8.00	84	0.74
Const - Well Development	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Excavators	0	8.00	158	0.38
Op - Site Prep - Mowing	Excavators	0	8.00	158	0.38
Op - Maint - Fung. Herb	Excavators	0	8.00	158	0.38
Op - Harvesting - Equipment	Excavators	0	8.00	158	0.38
Const - Well Development	Rubber Tired Dozers	0	8.00	247	0.40
Const - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Const - Well Development	Scrapers	0	8.00	367	0.48
Op - Planting - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Const - Well Development	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Const - Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Op - Planting - Worker	Welders	0	8.00	46	0.45
Op - Well Operations	Forklifts	0	8.00	89	0.20
Op - Maint - General - Worker	Forklifts	0	8.00	89	0.20
Op - Harvesting - Worker Commute Only	Forklifts	0	8.00	89	0.20
Op - Well Operations	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Worker	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Worker Commute Only	Generator Sets	0	8.00	84	0.74
Op - Site Prep - Discing	Graders	0	8.00	187	0.41
Op - Site Prep - Mowing	Graders	0	8.00	187	0.41
Op - Maint - Fung. Herb	Graders	0	8.00	187	0.41
Op - Harvesting - Equipment	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Mowing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Maint - Fung. Herb	Rubber Tired Dozers	0	8.00	247	0.40
Op - Harvesting - Equipment	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Discing	Scrapers	0	8.00	367	0.48

SLO Water Ordinance - San Luis Obispo County, Summer

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

Op - Site Prep - Mowing	Scrapers	0	8.00	367	0.48
Op - Maint - Fung. Herb	Scrapers	0	8.00	367	0.48
Op - Harvesting - Equipment	Scrapers	0	8.00	367	0.48
Op - Well Operations	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Worker Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Site Prep - Discing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Site Prep - Mowing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Maint - Fung. Herb	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Harvesting - Equipment	Tractors/Loaders/Backhoes	2	12.00	95	0.37
Op - Well Operations	Welders	0	8.00	46	0.45
Op - Maint - General - Worker	Welders	0	8.00	46	0.45
Op - Harvesting - Worker Commute Only	Welders	0	8.00	46	0.45
Const - Site Preparation	Crawler Tractors	2	8.00	212	0.43

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
Op - Site Prep - Discing	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Site Preparation	6	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Well Development	1	4.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Planting - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Site Prep - Mowing	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - Fung. Herb	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Equipment	3	4.00	0.00	26.00	32.00	5.00	108.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Worker Commute Only	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Well Operations	2	0.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

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

Op - Planting - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Foreman Commute On	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Const - 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					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	1.5678	16.4047	15.4855	0.0322		0.7004	0.7004		0.6443	0.6443		3,120.6766	3,120.6766	1.0093		3,145.9088
Total	1.5678	16.4047	15.4855	0.0322	1.0605	0.7004	1.7609	0.1145	0.6443	0.7588		3,120.6766	3,120.6766	1.0093		3,145.9088

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.2 Const - Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	1.5678	16.4047	15.4855	0.0322		0.7004	0.7004		0.6443	0.6443	0.0000	3,120.6766	3,120.6766	1.0093		3,145.9088
Total	1.5678	16.4047	15.4855	0.0322	0.4772	0.7004	1.1776	0.0515	0.6443	0.6959	0.0000	3,120.6766	3,120.6766	1.0093		3,145.9088

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.2 Const - Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

3.3 Const - Well Development - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5378	5.0989	5.0822	0.0237		0.1651	0.1651		0.1519	0.1519		2,288.5081	2,288.5081	0.7402		2,307.0119
Total	0.5378	5.0989	5.0822	0.0237	0.0000	0.1651	0.1651	0.0000	0.1519	0.1519		2,288.5081	2,288.5081	0.7402		2,307.0119

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.3 Const - Well Development - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0354	0.0284	0.3926	1.3600e-003	9.6963	7.3000e-004	9.6971	0.9941	6.7000e-004	0.9948		139.4866	139.4866	2.0200e-003	2.8600e-003	140.3881
Total	0.0354	0.0284	0.3926	1.3600e-003	9.6963	7.3000e-004	9.6971	0.9941	6.7000e-004	0.9948		139.4866	139.4866	2.0200e-003	2.8600e-003	140.3881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5378	5.0989	5.0822	0.0237		0.1651	0.1651		0.1519	0.1519	0.0000	2,288.5081	2,288.5081	0.7402		2,307.0119
Total	0.5378	5.0989	5.0822	0.0237	0.0000	0.1651	0.1651	0.0000	0.1519	0.1519	0.0000	2,288.5081	2,288.5081	0.7402		2,307.0119

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.3 Const - Well Development - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0354	0.0284	0.3926	1.3600e-003	5.9986	7.3000e-004	5.9993	0.6243	6.7000e-004	0.6250		139.4866	139.4866	2.0200e-003	2.8600e-003	140.3881
Total	0.0354	0.0284	0.3926	1.3600e-003	5.9986	7.3000e-004	5.9993	0.6243	6.7000e-004	0.6250		139.4866	139.4866	2.0200e-003	2.8600e-003	140.3881

3.4 Op - Site Prep - Discing - 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					10.6050	0.0000	10.6050	1.1451	0.0000	1.1451			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	10.6050	0.1114	10.7164	1.1451	0.1025	1.2476		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.4 Op - Site Prep - Discing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7723	0.0000	4.7723	0.5153	0.0000	0.5153			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	4.7723	0.1114	4.8836	0.5153	0.1025	0.6178	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.4 Op - Site Prep - Discing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

3.5 Op - Site Prep - Mowing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.5 Op - Site Prep - Mowing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.5 Op - Site Prep - Mowing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

3.6 Op - Planting - Worker - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.6 Op - Planting - Worker - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.6 Op - Planting - Worker - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

3.7 Op - Maint - General - Worker - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.7 Op - Maint - General - Worker - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.7 Op - Maint - General - Worker - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

3.8 Op - Maint - Fung. Herb - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025		443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025		443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.8 Op - Maint - Fung. Herb - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2224	2.2560	3.2780	4.5800e-003		0.1114	0.1114		0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198
Total	0.2224	2.2560	3.2780	4.5800e-003	0.0000	0.1114	0.1114	0.0000	0.1025	0.1025	0.0000	443.0376	443.0376	0.1433		446.6198

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.8 Op - Maint - Fung. Herb - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489

3.9 Op - Harvesting - Equipment - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8296	8.3096	10.9774	0.0160		0.4204	0.4204		0.3868	0.3868		1,546.9457	1,546.9457	0.5003		1,559.4536
Total	0.8296	8.3096	10.9774	0.0160	0.0000	0.4204	0.4204	0.0000	0.3868	0.3868		1,546.9457	1,546.9457	0.5003		1,559.4536

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.9 Op - Harvesting - Equipment - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0899	6.9731	0.9772	0.0281	42.1236	0.0614	42.1850	4.3431	0.0587	4.4018		3,066.8145	3,066.8145	0.1083	0.4860	3,214.3588
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	5.7460	4.4000e-004	5.7464	0.5891	4.0000e-004	0.5895		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.1131	6.9908	1.2177	0.0290	47.8696	0.0618	47.9314	4.9322	0.0591	4.9913		3,149.7945	3,149.7945	0.1097	0.4878	3,297.9077

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8296	8.3096	10.9774	0.0160		0.4204	0.4204		0.3868	0.3868	0.0000	1,546.9457	1,546.9457	0.5003		1,559.4536
Total	0.8296	8.3096	10.9774	0.0160	0.0000	0.4204	0.4204	0.0000	0.3868	0.3868	0.0000	1,546.9457	1,546.9457	0.5003		1,559.4536

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.9 Op - Harvesting - Equipment - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0899	6.9731	0.9772	0.0281	26.0999	0.0614	26.1613	2.7407	0.0587	2.7995		3,066.8145	3,066.8145	0.1083	0.4860	3,214.3588
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0232	0.0176	0.2405	8.1000e-004	3.5547	4.4000e-004	3.5552	0.3700	4.0000e-004	0.3704		82.9800	82.9800	1.4000e-003	1.7900e-003	83.5489
Total	0.1131	6.9908	1.2177	0.0290	29.6546	0.0618	29.7164	3.1107	0.0591	3.1698		3,149.7945	3,149.7945	0.1097	0.4878	3,297.9077

3.10 Op - Harvesting - Worker Commute Only - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.10 Op - Harvesting - Worker Commute Only - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	4.8482	3.6000e-004	4.8485	0.4970	3.4000e-004	0.4974		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.10 Op - Harvesting - Worker Commute Only - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940
Total	0.0177	0.0142	0.1963	6.8000e-004	2.9993	3.6000e-004	2.9996	0.3122	3.4000e-004	0.3125		69.7433	69.7433	1.0100e-003	1.4300e-003	70.1940

3.11 Op - Well Operations - 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	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177		51.9196	51.9196	5.7600e-003		52.0634
Total	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177		51.9196	51.9196	5.7600e-003		52.0634

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.11 Op - Well Operations - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	51.9196	51.9196	5.7600e-003		52.0634
Total	0.0638	0.3982	0.3205	7.3000e-004		0.0177	0.0177		0.0177	0.0177	0.0000	51.9196	51.9196	5.7600e-003		52.0634

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.11 Op - Well Operations - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

3.12 Op - Planting - Foreman - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.12 Op - Planting - Foreman - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.12 Op - Planting - Foreman - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

3.13 Op - Maint - General - Foreman - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.13 Op - Maint - General - Foreman - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.13 Op - Maint - General - Foreman - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

3.14 Op - Harvesting - Forman Commute Only - 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SLO Water Ordinance - San Luis Obispo County, Summer

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

3.14 Op - Harvesting - Forman Commute Only - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.8978	8.0000e-005	0.8979	0.0921	7.0000e-005	0.0921		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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

3.14 Op - Harvesting - Forman Commute Only - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549
Total	5.4800e-003	3.4500e-003	0.0442	1.3000e-004	0.5554	8.0000e-005	0.5555	0.0578	7.0000e-005	0.0579		13.2367	13.2367	3.9000e-004	3.6000e-004	13.3549

SLO Water Ordinance - San Luis Obispo County, Summer

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Other Non-Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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

SLO Water Ordinance - San Luis Obispo County, Summer

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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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					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

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	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003
Unmitigated	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.3800e-003	4.3800e-003	1.0000e-005		4.6600e-003

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003

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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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003
Total	1.9000e-004	2.0000e-005	2.0400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005			4.3800e-003	4.3800e-003	1.0000e-005	4.6600e-003

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

Equipment Type	Number
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11.0 Vegetation

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

**SLO Water Ordinance
San Luis Obispo County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	20.00	Acre	20.00	871,200.00	0

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 - Construction and Operation for 1 new ag site @ 20 acres. Construction and operational activities modeled through the construction phasing due to the nature of operational activities.

Land Use -

Construction Phase - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

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Grading - See Assumptions

Trips and VMT - See Assumptions

On-road Fugitive Dust - See Assumptions

Construction Off-road Equipment Mitigation - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Off-road Equipment - See Assumptions

Consumer Products - no op consumer products

Area Coating - no AC

Landscape Equipment - no landscaping

Table Name	Column Name	Default Value	New Value
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	300.00	8.00
tblConstructionPhase	NumDays	300.00	29.00
tblConstructionPhase	NumDays	30.00	10.00
tblConstructionPhase	NumDays	300.00	26.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	30.00	2.00
tblConstructionPhase	NumDays	30.00	1.00
tblConstructionPhase	NumDays	300.00	17.00
tblConstructionPhase	NumDays	30.00	9.00
tblConstructionPhase	NumDays	30.00	3.00
tblConstructionPhase	NumDays	300.00	8.00

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tblConstructionPhase	NumDays	300.00	30.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	7.00
tblConstructionPhase	PhaseEndDate	12/30/2022	4/11/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/13/2023
tblConstructionPhase	PhaseEndDate	12/30/2022	1/27/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	4/4/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConstructionPhase	PhaseStartDate	12/31/2022	1/1/2023
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblGrading	AcresOfGrading	0.00	20.00
tblLandscapeEquipment	NumberSummerDays	330	0
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	97.00	95.00
tblOffRoadEquipment	HorsePower	172.00	140.00
tblOffRoadEquipment	HorsePower	84.00	7.00

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

tblOffRoadEquipment	LoadFactor	0.43	0.43
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.42	0.38
tblOffRoadEquipment	OffRoadEquipmentType		Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

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

tbITripsAndVMT	HaulingTripLength	20.00	108.00
tbITripsAndVMT	HaulingTripNumber	0.00	26.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	VendorTripNumber	143.00	0.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	54.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	32.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripLength	13.00	10.00
tbITripsAndVMT	WorkerTripNumber	15.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	0.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	3.00	4.00

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

tbITripsAndVMT	WorkerTripNumber	3.00	4.00
tbITripsAndVMT	WorkerTripNumber	8.00	4.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00
tbITripsAndVMT	WorkerTripNumber	366.00	2.00

2.0 Emissions Summary

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

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	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	Const - Site Preparation	Site Preparation	1/1/2023	1/27/2023	5	20	
2	Const - Well Development	Grading	1/1/2023	1/13/2023	5	10	
3	Op - Site Prep - Discing	Grading	4/1/2023	4/2/2023	7	2	

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4	Op - Site Prep - Mowing	Grading	4/3/2023	4/3/2023	7	1
5	Op - Planting - Worker	Building Construction	4/4/2023	4/11/2023	7	8
6	Op - Maint - General - Worker	Building Construction	5/1/2023	5/17/2023	7	17
7	Op - Maint - Fung. Herb	Grading	6/1/2023	6/9/2023	7	9
8	Op - Harvesting - Equipment	Grading	7/1/2023	7/3/2023	7	3
9	Op - Harvesting - Worker Commuter Only	Building Construction	7/4/2023	7/11/2023	7	8
10	Op - Well Operations	Building Construction	8/1/2023	8/30/2023	7	30
11	Op - Planting - Foreman	Building Construction	4/4/2023	4/20/2023	7	17
12	Op - Maint - General - Foreman	Building Construction	5/1/2023	5/29/2023	7	29
13	Op - Harvesting - Forman Commuter Only	Building Construction	7/4/2023	7/29/2023	7	26

Acres of Grading (Site Preparation Phase): 20

Acres of Grading (Grading Phase): 0

Acres of Paving: 20

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Const - Site Preparation	Excavators	2	8.00	158	0.38
Const - Well Development	Bore/Drill Rigs	1	20.00	221	0.50
Op - Harvesting - Equipment	Other Construction Equipment	1	12.00	140	0.38
Op - Well Operations	Pumps	2	4.00	7	0.74
Op - Planting - Foreman	Cranes	0	7.00	231	0.29
Op - Maint - General - Foreman	Cranes	0	7.00	231	0.29
Op - Harvesting - Forman Commute Only	Cranes	0	7.00	231	0.29
Op - Planting - Foreman	Forklifts	0	8.00	89	0.20
Op - Maint - General - Foreman	Forklifts	0	8.00	89	0.20

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Op - Harvesting - Foreman Commute Only	Forklifts	0	8.00	89	0.20
Op - Planting - Foreman	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Foreman	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Foreman Commute Only	Generator Sets	0	8.00	84	0.74
Op - Planting - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Foreman	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Foreman Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Planting - Foreman	Welders	0	8.00	46	0.45
Op - Maint - General - Foreman	Welders	0	8.00	46	0.45
Op - Harvesting - Foreman Commute Only	Welders	0	8.00	46	0.45
Op - Well Operations	Cranes	0	7.00	231	0.29
Op - Maint - General - Worker	Cranes	0	7.00	231	0.29
Op - Planting - Worker	Cranes	0	7.00	231	0.29
Op - Harvesting - Worker Commute Only	Cranes	0	7.00	231	0.29
Const - Well Development	Excavators	0	8.00	158	0.38
Op - Planting - Worker	Forklifts	0	8.00	89	0.20
Op - Planting - Worker	Generator Sets	0	8.00	84	0.74
Const - Well Development	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Excavators	0	8.00	158	0.38
Op - Site Prep - Mowing	Excavators	0	8.00	158	0.38
Op - Maint - Fung. Herb	Excavators	0	8.00	158	0.38
Op - Harvesting - Equipment	Excavators	0	8.00	158	0.38
Const - Well Development	Rubber Tired Dozers	0	8.00	247	0.40
Const - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Const - Well Development	Scrapers	0	8.00	367	0.48
Op - Planting - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Const - Well Development	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Const - Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37

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Op - Planting - Worker	Welders	0	8.00	46	0.45
Op - Well Operations	Forklifts	0	8.00	89	0.20
Op - Maint - General - Worker	Forklifts	0	8.00	89	0.20
Op - Harvesting - Worker Commute Only	Forklifts	0	8.00	89	0.20
Op - Well Operations	Generator Sets	0	8.00	84	0.74
Op - Maint - General - Worker	Generator Sets	0	8.00	84	0.74
Op - Harvesting - Worker Commute Only	Generator Sets	0	8.00	84	0.74
Op - Site Prep - Discing	Graders	0	8.00	187	0.41
Op - Site Prep - Mowing	Graders	0	8.00	187	0.41
Op - Maint - Fung. Herb	Graders	0	8.00	187	0.41
Op - Harvesting - Equipment	Graders	0	8.00	187	0.41
Op - Site Prep - Discing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Mowing	Rubber Tired Dozers	0	8.00	247	0.40
Op - Maint - Fung. Herb	Rubber Tired Dozers	0	8.00	247	0.40
Op - Harvesting - Equipment	Rubber Tired Dozers	0	8.00	247	0.40
Op - Site Prep - Discing	Scrapers	0	8.00	367	0.48
Op - Site Prep - Mowing	Scrapers	0	8.00	367	0.48
Op - Maint - Fung. Herb	Scrapers	0	8.00	367	0.48
Op - Harvesting - Equipment	Scrapers	0	8.00	367	0.48
Op - Well Operations	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Maint - General - Worker	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Harvesting - Worker Commute Only	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Op - Site Prep - Discing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Site Prep - Mowing	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Maint - Fung. Herb	Tractors/Loaders/Backhoes	1	12.00	95	0.37
Op - Harvesting - Equipment	Tractors/Loaders/Backhoes	2	12.00	95	0.37
Op - Well Operations	Welders	0	8.00	46	0.45
Op - Maint - General - Worker	Welders	0	8.00	46	0.45

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

Op - Harvesting - Worker Commute Only	Welders	0	8.00	46	0.45
Const - Site Preparation	Crawler Tractors	2	8.00	212	0.43

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
Op - Site Prep - Digging	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Site Preparation	6	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Const - Well Development	1	4.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Planting - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Site Prep - Mowing	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Worker	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - Fung. Herb	1	4.00	0.00	0.00	32.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Equipment	3	4.00	0.00	26.00	32.00	5.00	108.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Worker Commute Onl	0	2.00	0.00	0.00	54.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Well Operations	2	0.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Planting - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Maint - General - Foreman	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Op - Harvesting - Foreman Commute Onl	0	2.00	0.00	0.00	10.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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

3.2 Const - Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0106	0.0000	0.0106	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1641	0.1549	3.2000e-004		7.0000e-003	7.0000e-003		6.4400e-003	6.4400e-003	0.0000	28.3103	28.3103	9.1600e-003	0.0000	28.5392
Total	0.0157	0.1641	0.1549	3.2000e-004	0.0106	7.0000e-003	0.0176	1.1500e-003	6.4400e-003	7.5900e-003	0.0000	28.3103	28.3103	9.1600e-003	0.0000	28.5392

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	2.0000e-004	2.2700e-003	1.0000e-005	0.0506	0.0000	0.0506	5.2100e-003	0.0000	5.2100e-003	0.0000	0.7261	0.7261	1.0000e-005	2.0000e-005	0.7316
Total	2.4000e-004	2.0000e-004	2.2700e-003	1.0000e-005	0.0506	0.0000	0.0506	5.2100e-003	0.0000	5.2100e-003	0.0000	0.7261	0.7261	1.0000e-005	2.0000e-005	0.7316

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

3.2 Const - 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	tons/yr										MT/yr					
Fugitive Dust					4.7700e-003	0.0000	4.7700e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1641	0.1549	3.2000e-004		7.0000e-003	7.0000e-003		6.4400e-003	6.4400e-003	0.0000	28.3103	28.3103	9.1600e-003	0.0000	28.5392
Total	0.0157	0.1641	0.1549	3.2000e-004	4.7700e-003	7.0000e-003	0.0118	5.2000e-004	6.4400e-003	6.9600e-003	0.0000	28.3103	28.3103	9.1600e-003	0.0000	28.5392

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	2.0000e-004	2.2700e-003	1.0000e-005	0.0314	0.0000	0.0314	3.2800e-003	0.0000	3.2800e-003	0.0000	0.7261	0.7261	1.0000e-005	2.0000e-005	0.7316
Total	2.4000e-004	2.0000e-004	2.2700e-003	1.0000e-005	0.0314	0.0000	0.0314	3.2800e-003	0.0000	3.2800e-003	0.0000	0.7261	0.7261	1.0000e-005	2.0000e-005	0.7316

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3.3 Const - Well Development - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6900e-003	0.0255	0.0254	1.2000e-004		8.3000e-004	8.3000e-004		7.6000e-004	7.6000e-004	0.0000	10.3805	10.3805	3.3600e-003	0.0000	10.4644
Total	2.6900e-003	0.0255	0.0254	1.2000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	10.3805	10.3805	3.3600e-003	0.0000	10.4644

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.6000e-004	1.8400e-003	1.0000e-005	0.0427	0.0000	0.0427	4.3900e-003	0.0000	4.4000e-003	0.0000	0.6102	0.6102	1.0000e-005	1.0000e-005	0.6146
Total	1.9000e-004	1.6000e-004	1.8400e-003	1.0000e-005	0.0427	0.0000	0.0427	4.3900e-003	0.0000	4.4000e-003	0.0000	0.6102	0.6102	1.0000e-005	1.0000e-005	0.6146

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3.3 Const - Well Development - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6900e-003	0.0255	0.0254	1.2000e-004		8.3000e-004	8.3000e-004		7.6000e-004	7.6000e-004	0.0000	10.3805	10.3805	3.3600e-003	0.0000	10.4644
Total	2.6900e-003	0.0255	0.0254	1.2000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	10.3805	10.3805	3.3600e-003	0.0000	10.4644

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.6000e-004	1.8400e-003	1.0000e-005	0.0265	0.0000	0.0265	2.7700e-003	0.0000	2.7700e-003	0.0000	0.6102	0.6102	1.0000e-005	1.0000e-005	0.6146
Total	1.9000e-004	1.6000e-004	1.8400e-003	1.0000e-005	0.0265	0.0000	0.0265	2.7700e-003	0.0000	2.7700e-003	0.0000	0.6102	0.6102	1.0000e-005	1.0000e-005	0.6146

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3.4 Op - Site Prep - Discing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0106	0.0000	0.0106	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-004	2.2600e-003	3.2800e-003	0.0000		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.4019	0.4019	1.3000e-004	0.0000	0.4052
Total	2.2000e-004	2.2600e-003	3.2800e-003	0.0000	0.0106	1.1000e-004	0.0107	1.1500e-003	1.0000e-004	1.2500e-003	0.0000	0.4019	0.4019	1.3000e-004	0.0000	0.4052

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.3000e-004	0.0000	5.0600e-003	0.0000	5.0600e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0726	0.0726	0.0000	0.0000	0.0732
Total	2.0000e-005	2.0000e-005	2.3000e-004	0.0000	5.0600e-003	0.0000	5.0600e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0726	0.0726	0.0000	0.0000	0.0732

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3.4 Op - Site Prep - Discing - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.7700e-003	0.0000	4.7700e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2000e-004	2.2600e-003	3.2800e-003	0.0000		1.1000e-004	1.1000e-004		1.0000e-004	1.0000e-004	0.0000	0.4019	0.4019	1.3000e-004	0.0000	0.4052
Total	2.2000e-004	2.2600e-003	3.2800e-003	0.0000	4.7700e-003	1.1000e-004	4.8800e-003	5.2000e-004	1.0000e-004	6.2000e-004	0.0000	0.4019	0.4019	1.3000e-004	0.0000	0.4052

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.3000e-004	0.0000	3.1400e-003	0.0000	3.1400e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0726	0.0726	0.0000	0.0000	0.0732
Total	2.0000e-005	2.0000e-005	2.3000e-004	0.0000	3.1400e-003	0.0000	3.1400e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0726	0.0726	0.0000	0.0000	0.0732

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.5 Op - Site Prep - Mowing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1000e-004	1.1300e-003	1.6400e-003	0.0000		6.0000e-005	6.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2010	0.2010	6.0000e-005	0.0000	0.2026
Total	1.1000e-004	1.1300e-003	1.6400e-003	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	5.0000e-005	5.0000e-005	0.0000	0.2010	0.2010	6.0000e-005	0.0000	0.2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0363	0.0363	0.0000	0.0000	0.0366
Total	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0363	0.0363	0.0000	0.0000	0.0366

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.5 Op - Site Prep - Mowing - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1000e-004	1.1300e-003	1.6400e-003	0.0000		6.0000e-005	6.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2010	0.2010	6.0000e-005	0.0000	0.2026
Total	1.1000e-004	1.1300e-003	1.6400e-003	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	5.0000e-005	5.0000e-005	0.0000	0.2010	0.2010	6.0000e-005	0.0000	0.2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.5700e-003	0.0000	1.5700e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0363	0.0363	0.0000	0.0000	0.0366
Total	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.5700e-003	0.0000	1.5700e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0363	0.0363	0.0000	0.0000	0.0366

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.6 Op - Planting - Worker - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0171	0.0000	0.0171	1.7600e-003	0.0000	1.7600e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458
Total	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0171	0.0000	0.0171	1.7600e-003	0.0000	1.7600e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.6 Op - Planting - Worker - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0106	0.0000	0.0106	1.1100e-003	0.0000	1.1100e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458
Total	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0106	0.0000	0.0106	1.1100e-003	0.0000	1.1100e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.7 Op - Maint - General - Worker - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.5600e-003	1.0000e-005	0.0363	0.0000	0.0363	3.7300e-003	0.0000	3.7400e-003	0.0000	0.5187	0.5187	1.0000e-005	1.0000e-005	0.5224
Total	1.6000e-004	1.3000e-004	1.5600e-003	1.0000e-005	0.0363	0.0000	0.0363	3.7300e-003	0.0000	3.7400e-003	0.0000	0.5187	0.5187	1.0000e-005	1.0000e-005	0.5224

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.7 Op - Maint - General - Worker - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.5600e-003	1.0000e-005	0.0225	0.0000	0.0225	2.3500e-003	0.0000	2.3500e-003	0.0000	0.5187	0.5187	1.0000e-005	1.0000e-005	0.5224
Total	1.6000e-004	1.3000e-004	1.5600e-003	1.0000e-005	0.0225	0.0000	0.0225	2.3500e-003	0.0000	2.3500e-003	0.0000	0.5187	0.5187	1.0000e-005	1.0000e-005	0.5224

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.8 Op - Maint - Fung. Herb - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0000e-003	0.0102	0.0148	2.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	1.8086	1.8086	5.8000e-004	0.0000	1.8233
Total	1.0000e-003	0.0102	0.0148	2.0000e-005	0.0000	5.0000e-004	5.0000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	1.8086	1.8086	5.8000e-004	0.0000	1.8233

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.0200e-003	0.0000	0.0228	0.0000	0.0228	2.3400e-003	0.0000	2.3400e-003	0.0000	0.3268	0.3268	1.0000e-005	1.0000e-005	0.3292
Total	1.1000e-004	9.0000e-005	1.0200e-003	0.0000	0.0228	0.0000	0.0228	2.3400e-003	0.0000	2.3400e-003	0.0000	0.3268	0.3268	1.0000e-005	1.0000e-005	0.3292

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.8 Op - Maint - Fung. Herb - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0000e-003	0.0102	0.0148	2.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	1.8086	1.8086	5.8000e-004	0.0000	1.8233
Total	1.0000e-003	0.0102	0.0148	2.0000e-005	0.0000	5.0000e-004	5.0000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	1.8086	1.8086	5.8000e-004	0.0000	1.8233

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-004	9.0000e-005	1.0200e-003	0.0000	0.0141	0.0000	0.0141	1.4800e-003	0.0000	1.4800e-003	0.0000	0.3268	0.3268	1.0000e-005	1.0000e-005	0.3292
Total	1.1000e-004	9.0000e-005	1.0200e-003	0.0000	0.0141	0.0000	0.0141	1.4800e-003	0.0000	1.4800e-003	0.0000	0.3268	0.3268	1.0000e-005	1.0000e-005	0.3292

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

3.9 Op - Harvesting - Equipment - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2400e-003	0.0125	0.0165	2.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	2.1051	2.1051	6.8000e-004	0.0000	2.1221
Total	1.2400e-003	0.0125	0.0165	2.0000e-005	0.0000	6.3000e-004	6.3000e-004	0.0000	5.8000e-004	5.8000e-004	0.0000	2.1051	2.1051	6.8000e-004	0.0000	2.1221

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	0.0108	1.4700e-003	4.0000e-005	0.0557	9.0000e-005	0.0558	5.7600e-003	9.0000e-005	5.8500e-003	0.0000	4.1735	4.1735	1.5000e-004	6.6000e-004	4.3743
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	7.5900e-003	0.0000	7.5900e-003	7.8000e-004	0.0000	7.8000e-004	0.0000	0.1089	0.1089	0.0000	0.0000	0.1097
Total	1.7000e-004	0.0108	1.8100e-003	4.0000e-005	0.0633	9.0000e-005	0.0634	6.5400e-003	9.0000e-005	6.6300e-003	0.0000	4.2824	4.2824	1.5000e-004	6.6000e-004	4.4841

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

3.9 Op - Harvesting - Equipment - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2400e-003	0.0125	0.0165	2.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	2.1051	2.1051	6.8000e-004	0.0000	2.1221
Total	1.2400e-003	0.0125	0.0165	2.0000e-005	0.0000	6.3000e-004	6.3000e-004	0.0000	5.8000e-004	5.8000e-004	0.0000	2.1051	2.1051	6.8000e-004	0.0000	2.1221

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	0.0108	1.4700e-003	4.0000e-005	0.0346	9.0000e-005	0.0346	3.6500e-003	9.0000e-005	3.7400e-003	0.0000	4.1735	4.1735	1.5000e-004	6.6000e-004	4.3743
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-005	3.0000e-005	3.4000e-004	0.0000	4.7000e-003	0.0000	4.7000e-003	4.9000e-004	0.0000	4.9000e-004	0.0000	0.1089	0.1089	0.0000	0.0000	0.1097
Total	1.7000e-004	0.0108	1.8100e-003	4.0000e-005	0.0393	9.0000e-005	0.0393	4.1400e-003	9.0000e-005	4.2300e-003	0.0000	4.2824	4.2824	1.5000e-004	6.6000e-004	4.4841

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.10 Op - Harvesting - Worker Commute Only - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0171	0.0000	0.0171	1.7600e-003	0.0000	1.7600e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458
Total	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0171	0.0000	0.0171	1.7600e-003	0.0000	1.7600e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.10 Op - Harvesting - Worker Commute Only - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0106	0.0000	0.0106	1.1100e-003	0.0000	1.1100e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458
Total	7.0000e-005	6.0000e-005	7.4000e-004	0.0000	0.0106	0.0000	0.0106	1.1100e-003	0.0000	1.1100e-003	0.0000	0.2441	0.2441	0.0000	1.0000e-005	0.2458

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

3.12 Op - Planting - Foreman - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.7000e-004	0.0000	6.7200e-003	0.0000	6.7200e-003	6.9000e-004	0.0000	6.9000e-004	0.0000	0.0985	0.0985	0.0000	0.0000	0.0995
Total	5.0000e-005	3.0000e-005	3.7000e-004	0.0000	6.7200e-003	0.0000	6.7200e-003	6.9000e-004	0.0000	6.9000e-004	0.0000	0.0985	0.0985	0.0000	0.0000	0.0995

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.12 Op - Planting - Foreman - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.7000e-004	0.0000	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.0985	0.0985	0.0000	0.0000	0.0995
Total	5.0000e-005	3.0000e-005	3.7000e-004	0.0000	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.0985	0.0985	0.0000	0.0000	0.0995

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.13 Op - Maint - General - Foreman - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	6.3000e-004	0.0000	0.0115	0.0000	0.0115	1.1800e-003	0.0000	1.1800e-003	0.0000	0.1681	0.1681	1.0000e-005	1.0000e-005	0.1697
Total	8.0000e-005	6.0000e-005	6.3000e-004	0.0000	0.0115	0.0000	0.0115	1.1800e-003	0.0000	1.1800e-003	0.0000	0.1681	0.1681	1.0000e-005	1.0000e-005	0.1697

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.13 Op - Maint - General - Foreman - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	6.3000e-004	0.0000	7.1000e-003	0.0000	7.1000e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.1681	0.1681	1.0000e-005	1.0000e-005	0.1697
Total	8.0000e-005	6.0000e-005	6.3000e-004	0.0000	7.1000e-003	0.0000	7.1000e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.1681	0.1681	1.0000e-005	1.0000e-005	0.1697

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.14 Op - Harvesting - Forman Commute Only - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.6000e-004	0.0000	0.0103	0.0000	0.0103	1.0600e-003	0.0000	1.0600e-003	0.0000	0.1507	0.1507	0.0000	0.0000	0.1522
Total	7.0000e-005	5.0000e-005	5.6000e-004	0.0000	0.0103	0.0000	0.0103	1.0600e-003	0.0000	1.0600e-003	0.0000	0.1507	0.1507	0.0000	0.0000	0.1522

SLO Water Ordinance - San Luis Obispo County, Annual

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

3.14 Op - Harvesting - Forman Commute Only - 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	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	5.6000e-004	0.0000	6.3700e-003	0.0000	6.3700e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1507	0.1507	0.0000	0.0000	0.1522
Total	7.0000e-005	5.0000e-005	5.6000e-004	0.0000	6.3700e-003	0.0000	6.3700e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1507	0.1507	0.0000	0.0000	0.1522

SLO Water Ordinance - San Luis Obispo County, Annual

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	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Other Non-Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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

SLO Water Ordinance - San Luis Obispo County, Annual

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

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	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

SLO Water Ordinance - San Luis Obispo County, Annual

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

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

7.0 Water Detail

7.1 Mitigation Measures Water

SLO Water Ordinance - San Luis Obispo County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

SLO Water Ordinance - San Luis Obispo County, Annual

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

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

SLO Water Ordinance - San Luis Obispo County, Annual

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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SLO Water Ordinance - San Luis Obispo County, Annual

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

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
