

APPENDIX D

Froom Ranch Specific Plan California Air Emissions Estimator Model (CalEEMod) Results

D.1 – Project CalEEMod Results (Un-mitigation)

D.2 – Project CalEEMod Results (Mitigated)

D.3 – Alternative 1 CalEEMod Results (Un-mitigated)

D.4 – Alternative 1 CalEEMod Results (Mitigated)

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APPENDIX D.1

Project CalEEMod Results (Un-mitigation)

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

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Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	340.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00

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tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
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tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	30.00
tblGrading	AcresOfGrading	0.00	20.00

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tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	158,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	8.13	5.70
tblLandUse	LotAcreage	2.75	1.80
tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	9,875.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86

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tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8255	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.833 3	2,715.833 3	0.7074	0.0000	2,733.518 6
2021	0.8944	9.3480	7.1533	0.0160	1.0823	0.3740	1.4563	0.4186	0.3464	0.7651	0.0000	1,436.338 5	1,436.338 5	0.3172	0.0000	1,444.268 2
2022	4.3663	4.4991	4.1163	9.8900e- 003	0.3554	0.1570	0.5125	0.0936	0.1474	0.2410	0.0000	893.1228	893.1228	0.1385	0.0000	896.5850
2023	0.6062	7.7599	5.9865	0.0184	0.6265	0.1992	0.8257	0.1665	0.1886	0.3551	0.0000	1,686.715 0	1,686.715 0	0.1953	0.0000	1,691.597 1
2024	3.1924	4.0502	3.3997	0.0100	0.5945	0.1023	0.6967	0.1527	0.0973	0.2500	0.0000	916.3679	916.3679	0.1044	0.0000	918.9784
Maximum	4.3663	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.833 3	2,715.833 3	0.7074	0.0000	2,733.518 6

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8255	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.8308	2,715.8308	0.7074	0.0000	2,733.5161
2021	0.8944	9.3480	7.1533	0.0160	1.0823	0.3740	1.4563	0.4186	0.3464	0.7651	0.0000	1,436.3373	1,436.3373	0.3172	0.0000	1,444.2671
2022	4.3663	4.4991	4.1163	9.8900e-003	0.3554	0.1570	0.5125	0.0936	0.1474	0.2410	0.0000	893.1222	893.1222	0.1385	0.0000	896.5845
2023	0.6062	7.7599	5.9865	0.0184	0.6265	0.1992	0.8257	0.1665	0.1886	0.3551	0.0000	1,686.7143	1,686.7143	0.1953	0.0000	1,691.5963
2024	3.1924	4.0501	3.3997	0.0100	0.5945	0.1023	0.6967	0.1527	0.0973	0.2500	0.0000	916.3675	916.3675	0.1044	0.0000	918.9780
Maximum	4.3663	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.8308	2,715.8308	0.7074	0.0000	2,733.5161

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-3-2020	5-2-2020	2.1688	2.1688
2	5-3-2020	8-2-2020	8.1462	8.1462
3	8-3-2020	11-2-2020	8.1501	8.1501
4	11-3-2020	2-2-2021	6.9531	6.9531
5	2-3-2021	5-2-2021	3.4395	3.4395
6	5-3-2021	8-2-2021	1.7764	1.7764

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7	8-3-2021	11-2-2021	2.1565	2.1565
8	11-3-2021	2-2-2022	1.6377	1.6377
9	2-3-2022	5-2-2022	1.5029	1.5029
10	5-3-2022	8-2-2022	1.7731	1.7731
11	8-3-2022	11-2-2022	4.6028	4.6028
12	11-3-2022	2-2-2023	0.9154	0.9154
13	2-3-2023	5-2-2023	1.3999	1.3999
14	5-3-2023	8-2-2023	1.9185	1.9185
15	8-3-2023	11-2-2023	2.7582	2.7582
16	11-3-2023	2-2-2024	2.7054	2.7054
17	2-3-2024	5-2-2024	1.7104	1.7104
18	5-3-2024	8-2-2024	1.2518	1.2518
19	8-3-2024	9-30-2024	0.8028	0.8028
		Highest	8.1501	8.1501

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2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56

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Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38
Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74

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Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

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3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

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3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

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3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

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3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6596	0.0000	0.6596	0.3512	0.0000	0.3512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6596	0.2495	0.9091	0.3512	0.2295	0.5807	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0345	1.2778	0.2776	3.1200e-003	0.2067	5.5700e-003	0.2123	0.0527	5.3300e-003	0.0580	0.0000	305.5956	305.5956	0.0173	0.0000	306.0284
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0510	1.2928	0.4076	3.4600e-003	0.3061	5.8100e-003	0.3119	0.0779	5.5500e-003	0.0834	0.0000	336.0400	336.0400	0.0183	0.0000	336.4979

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3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6596	0.0000	0.6596	0.3512	0.0000	0.3512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6596	0.2495	0.9091	0.3512	0.2295	0.5807	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0345	1.2778	0.2776	3.1200e-003	0.2067	5.5700e-003	0.2123	0.0527	5.3300e-003	0.0580	0.0000	305.5956	305.5956	0.0173	0.0000	306.0284
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0510	1.2928	0.4076	3.4600e-003	0.3061	5.8100e-003	0.3119	0.0779	5.5500e-003	0.0834	0.0000	336.0400	336.0400	0.0183	0.0000	336.4979

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3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1808	0.0000	0.1808	0.0880	0.0000	0.0880	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1808	0.0554	0.2362	0.0880	0.0510	0.1390	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8100e-003	0.2838	0.0642	7.5000e-004	0.1940	1.1900e-003	0.1952	0.0481	1.1300e-003	0.0492	0.0000	73.3832	73.3832	4.2600e-003	0.0000	73.4898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0116	0.2871	0.0928	8.3000e-004	0.2182	1.2500e-003	0.2194	0.0542	1.1800e-003	0.0554	0.0000	80.5249	80.5249	4.4800e-003	0.0000	80.6368

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3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1808	0.0000	0.1808	0.0880	0.0000	0.0880	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1808	0.0554	0.2362	0.0880	0.0510	0.1390	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8100e-003	0.2838	0.0642	7.5000e-004	0.1940	1.1900e-003	0.1952	0.0481	1.1300e-003	0.0492	0.0000	73.3832	73.3832	4.2600e-003	0.0000	73.4898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0116	0.2871	0.0928	8.3000e-004	0.2182	1.2500e-003	0.2194	0.0542	1.1800e-003	0.0554	0.0000	80.5249	80.5249	4.4800e-003	0.0000	80.6368

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3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6508	0.0000	0.6508	0.3473	0.0000	0.3473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6508	0.2471	0.8979	0.3473	0.2274	0.5746	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

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3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6508	0.0000	0.6508	0.3473	0.0000	0.3473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6508	0.2471	0.8979	0.3473	0.2274	0.5746	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

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3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

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3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

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3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

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3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

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3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

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3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

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3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

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3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

Froom Ranch - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

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3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

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3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

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3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

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3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6912	73.6912	0.0238	0.0000	74.2871
Total	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6912	73.6912	0.0238	0.0000	74.2871

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147
Total	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147

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3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6911	73.6911	0.0238	0.0000	74.2870
Total	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6911	73.6911	0.0238	0.0000	74.2870

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147
Total	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147

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3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.9263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	3.9353	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

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3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.9263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	3.9353	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

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3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3114	105.3114	0.0332	0.0000	106.1418
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0764	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3114	105.3114	0.0332	0.0000	106.1418

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171
Total	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171

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3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3113	105.3113	0.0332	0.0000	106.1416
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0764	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3113	105.3113	0.0332	0.0000	106.1416

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171
Total	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171

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3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2941	434.2941	0.0975	0.0000	436.7307
Total	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2941	434.2941	0.0975	0.0000	436.7307

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0763	2.6410	0.8010	6.8300e-003	0.1609	3.9200e-003	0.1649	0.0465	3.7500e-003	0.0503	0.0000	661.5339	661.5339	0.0351	0.0000	662.4109
Worker	0.0337	0.0269	0.2441	7.5000e-004	0.0901	5.4000e-004	0.0907	0.0240	5.0000e-004	0.0245	0.0000	67.5808	67.5808	1.7600e-003	0.0000	67.6249
Total	0.1099	2.6678	1.0451	7.5800e-003	0.2511	4.4600e-003	0.2555	0.0705	4.2500e-003	0.0747	0.0000	729.1147	729.1147	0.0368	0.0000	730.0358

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3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2936	434.2936	0.0975	0.0000	436.7302
Total	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2936	434.2936	0.0975	0.0000	436.7302

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0763	2.6410	0.8010	6.8300e-003	0.1609	3.9200e-003	0.1649	0.0465	3.7500e-003	0.0503	0.0000	661.5339	661.5339	0.0351	0.0000	662.4109
Worker	0.0337	0.0269	0.2441	7.5000e-004	0.0901	5.4000e-004	0.0907	0.0240	5.0000e-004	0.0245	0.0000	67.5808	67.5808	1.7600e-003	0.0000	67.6249
Total	0.1099	2.6678	1.0451	7.5800e-003	0.2511	4.4600e-003	0.2555	0.0705	4.2500e-003	0.0747	0.0000	729.1147	729.1147	0.0368	0.0000	730.0358

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3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1996
Total	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1996

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.4900e-003	0.2317	0.0676	6.1000e-004	0.0145	3.2000e-004	0.0148	4.1700e-003	3.1000e-004	4.4900e-003	0.0000	59.0429	59.0429	3.1600e-003	0.0000	59.1220
Worker	2.8500e-003	2.1800e-003	0.0202	6.0000e-005	8.0900e-003	5.0000e-005	8.1300e-003	2.1500e-003	4.0000e-005	2.1900e-003	0.0000	5.8292	5.8292	1.4000e-004	0.0000	5.8327
Total	9.3400e-003	0.2338	0.0878	6.7000e-004	0.0225	3.7000e-004	0.0229	6.3200e-003	3.5000e-004	6.6800e-003	0.0000	64.8721	64.8721	3.3000e-003	0.0000	64.9548

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3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1995
Total	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1995

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.4900e-003	0.2317	0.0676	6.1000e-004	0.0145	3.2000e-004	0.0148	4.1700e-003	3.1000e-004	4.4900e-003	0.0000	59.0429	59.0429	3.1600e-003	0.0000	59.1220
Worker	2.8500e-003	2.1800e-003	0.0202	6.0000e-005	8.0900e-003	5.0000e-005	8.1300e-003	2.1500e-003	4.0000e-005	2.1900e-003	0.0000	5.8292	5.8292	1.4000e-004	0.0000	5.8327
Total	9.3400e-003	0.2338	0.0878	6.7000e-004	0.0225	3.7000e-004	0.0229	6.3200e-003	3.5000e-004	6.6800e-003	0.0000	64.8721	64.8721	3.3000e-003	0.0000	64.9548

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3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0400e-003	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842
Total	0.4339	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719
Total	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719

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3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0400e-003	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842
Total	0.4339	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719
Total	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719

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3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4332					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	2.4427	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

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3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4332					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	2.4427	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Unmitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

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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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

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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	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
NaturalGas Mitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009
NaturalGas Unmitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.32585e+006	7.1500e-003	0.0611	0.0260	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	70.7524	70.7524	1.3600e-003	1.3000e-003	71.1729
Apartments Low Rise	448749	2.4200e-003	0.0207	8.8000e-003	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.9470	23.9470	4.6000e-004	4.4000e-004	24.0893
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.32585e+006	7.1500e-003	0.0611	0.0260	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	70.7524	70.7524	1.3600e-003	1.3000e-003	71.1729
Apartments Low Rise	448749	2.4200e-003	0.0207	8.8000e-003	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.9470	23.9470	4.6000e-004	4.4000e-004	24.0893
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	191347	55.6651	2.5200e-003	5.2000e-004	55.8832
Apartments Low Rise	565344	164.4651	7.4400e-003	1.5400e-003	165.1095
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	191347	55.6651	2.5200e-003	5.2000e-004	55.8832
Apartments Low Rise	565344	164.4651	7.4400e-003	1.5400e-003	165.1095
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

6.0 Area Detail

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6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Unmitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

Froom Ranch - San Luis Obispo County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

7.0 Water Detail

7.1 Mitigation Measures Water

Froom Ranch - San Luis Obispo County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.0903	1.4328	0.0345	142.1942
Unmitigated	96.0903	1.4328	0.0345	142.1942

Froom Ranch - San Luis Obispo County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

Froom Ranch - San Luis Obispo County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

8.0 Waste Detail

8.1 Mitigation Measures Waste

Froom Ranch - San Luis Obispo County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	102.1917	6.0394	0.0000	253.1757
Unmitigated	102.1917	6.0394	0.0000	253.1757

Froom Ranch - San Luis Obispo County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

Froom Ranch - San Luis Obispo County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - San Luis Obispo County, Summer

Froom Ranch
San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

Froom Ranch - San Luis Obispo County, Summer

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

Froom Ranch - San Luis Obispo County, Summer

Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	340.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00

Froom Ranch - San Luis Obispo County, Summer

tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	30.00
tblGrading	AcresOfGrading	0.00	20.00

Froom Ranch - San Luis Obispo County, Summer

tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	158,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	8.13	5.70
tblLandUse	LotAcreage	2.75	1.80
tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Froom Ranch - San Luis Obispo County, Summer

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	9,875.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86

Froom Ranch - San Luis Obispo County, Summer

tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - San Luis Obispo County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.7904	190.8163	109.5080	0.2679	23.2792	7.2268	30.5060	11.2028	6.6521	17.8549	0.0000	26,552.4683	26,552.4683	6.7955	0.0000	26,722.3560
2021	9.9289	115.9556	70.4734	0.1747	21.6194	4.3977	26.0172	8.9743	4.0476	13.0219	0.0000	17,272.3203	17,272.3203	4.5067	0.0000	17,384.9874
2022	180.7496	50.2041	45.3807	0.1083	3.9594	1.8599	5.8193	1.0409	1.7384	2.7793	0.0000	10,804.7881	10,804.7881	1.6951	0.0000	10,847.1653
2023	5.0958	64.8851	50.1132	0.1556	6.5686	1.6852	8.2537	1.7184	1.5961	3.3146	0.0000	15,724.3712	15,724.3712	1.7925	0.0000	15,769.1827
2024	92.2448	62.0554	49.1708	0.1547	6.5689	1.4856	8.0544	1.7186	1.4069	3.1255	0.0000	15,639.0583	15,639.0583	1.7836	0.0000	15,683.6477
Maximum	180.7496	190.8163	109.5080	0.2679	23.2792	7.2268	30.5060	11.2028	6.6521	17.8549	0.0000	26,552.4683	26,552.4683	6.7955	0.0000	26,722.3560

Froom Ranch - San Luis Obispo County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

Froom Ranch - San Luis Obispo County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

From Ranch - San Luis Obispo County, Summer

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

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Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

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Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

From Ranch - San Luis Obispo County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Froom Ranch - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3246	11.9362	2.5719	0.0299	2.0251	0.0525	2.0776	0.5159	0.0503	0.5661		3,228.1188	3,228.1188	0.1792		3,232.5975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.4786	12.0647	3.8498	0.0333	2.9997	0.0548	3.0545	0.7621	0.0524	0.8145		3,560.7182	3,560.7182	0.1900		3,565.4680

Froom Ranch - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3246	11.9362	2.5719	0.0299	2.0251	0.0525	2.0776	0.5159	0.0503	0.5661		3,228.1188	3,228.1188	0.1792		3,232.5975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.4786	12.0647	3.8498	0.0333	2.9997	0.0548	3.0545	0.7621	0.0524	0.8145		3,560.7182	3,560.7182	0.1900		3,565.4680

Froom Ranch - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3029	10.9261	2.4492	0.0296	7.8402	0.0461	7.8862	1.9432	0.0441	1.9873		3,192.3208	3,192.3208	0.1816		3,196.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.4463	11.0409	3.6096	0.0328	8.8148	0.0483	8.8631	2.1895	0.0461	2.2356		3,513.5856	3,513.5856	0.1913		3,518.3676

Froom Ranch - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3029	10.9261	2.4492	0.0296	7.8402	0.0461	7.8862	1.9432	0.0441	1.9873		3,192.3208	3,192.3208	0.1816		3,196.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.4463	11.0409	3.6096	0.0328	8.8148	0.0483	8.8631	2.1895	0.0461	2.2356		3,513.5856	3,513.5856	0.1913		3,518.3676

Froom Ranch - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

Froom Ranch - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

Froom Ranch - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

Froom Ranch - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

Froom Ranch - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

Froom Ranch - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

Froom Ranch - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4499	16.4777	4.5296	0.0441	1.0545	0.0227	1.0772	0.3038	0.0217	0.3255		4,711.8000	4,711.8000	0.2417		4,717.8432
Worker	0.1982	0.1397	1.4992	4.7900e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		477.6005	477.6005	0.0116		477.8903
Total	0.6481	16.6174	6.0288	0.0489	1.6477	0.0261	1.6738	0.4611	0.0248	0.4859		5,189.4005	5,189.4005	0.2533		5,195.7335

Froom Ranch - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4499	16.4777	4.5296	0.0441	1.0545	0.0227	1.0772	0.3038	0.0217	0.3255		4,711.8000	4,711.8000	0.2417		4,717.8432
Worker	0.1982	0.1397	1.4992	4.7900e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		477.6005	477.6005	0.0116		477.8903
Total	0.6481	16.6174	6.0288	0.0489	1.6477	0.0261	1.6738	0.4611	0.0248	0.4859		5,189.4005	5,189.4005	0.2533		5,195.7335

Froom Ranch - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

Froom Ranch - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

Froom Ranch - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

Froom Ranch - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

Froom Ranch - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	17.3562	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	17.3562	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

4.0 Operational Detail - Mobile

Froom Ranch - San Luis Obispo County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44
Unmitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

From Ranch - San Luis Obispo County, Summer

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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

Froom Ranch - San Luis Obispo County, Summer

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

Froom Ranch - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1229.45	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3632.47	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.22945	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3.63247	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

Froom Ranch - San Luis Obispo County, Summer

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - San Luis Obispo County, Summer

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - San Luis Obispo County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - San Luis Obispo County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - San Luis Obispo County, Winter

Froom Ranch
San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

Froom Ranch - San Luis Obispo County, Winter

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

Froom Ranch - San Luis Obispo County, Winter

Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	340.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00

Froom Ranch - San Luis Obispo County, Winter

tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	30.00
tblGrading	AcresOfGrading	0.00	20.00

Froom Ranch - San Luis Obispo County, Winter

tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	158,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	8.13	5.70
tblLandUse	LotAcreage	2.75	1.80
tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Froom Ranch - San Luis Obispo County, Winter

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	9,875.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86

Froom Ranch - San Luis Obispo County, Winter

tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - San Luis Obispo County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.8682	191.0121	109.6881	0.2667	23.2792	7.2289	30.5081	11.2028	6.6540	17.8568	0.0000	26,424.55 09	26,424.55 09	6.8045	0.0000	26,594.66 35
2021	9.9848	116.0577	70.5446	0.1739	21.6194	4.3988	26.0183	8.9743	4.0487	13.0230	0.0000	17,188.82 22	17,188.82 22	4.5117	0.0000	17,301.61 48
2022	180.8092	50.1409	45.8490	0.1065	3.9594	1.8627	5.8221	1.0409	1.7411	2.7820	0.0000	10,614.08 37	10,614.08 37	1.7099	0.0000	10,656.83 08
2023	5.2168	64.6881	51.0795	0.1525	6.5686	1.6875	8.2560	1.7184	1.5984	3.3168	0.0000	15,400.90 34	15,400.90 34	1.8206	0.0000	15,446.41 83
2024	92.2548	61.8504	50.0846	0.1517	6.5689	1.4877	8.0565	1.7186	1.4089	3.1275	0.0000	15,318.63 89	15,318.63 89	1.8120	0.0000	15,363.93 77
Maximum	180.8092	191.0121	109.6881	0.2667	23.2792	7.2289	30.5081	11.2028	6.6540	17.8568	0.0000	26,424.55 09	26,424.55 09	6.8045	0.0000	26,594.66 35

Froom Ranch - San Luis Obispo County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

Froom Ranch - San Luis Obispo County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Froom Ranch - San Luis Obispo County, Winter

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Froom Ranch - San Luis Obispo County, Winter

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

Froom Ranch - San Luis Obispo County, Winter

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Froom Ranch - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Froom Ranch - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3336	12.0195	2.7321	0.0295	2.0251	0.0537	2.0788	0.5159	0.0514	0.5673		3,180.7040	3,180.7040	0.1849		3,185.3261
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5091	12.1653	3.9753	0.0327	2.9997	0.0560	3.0557	0.7621	0.0535	0.8156		3,497.7297	3,497.7297	0.1954		3,502.6140

Froom Ranch - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3336	12.0195	2.7321	0.0295	2.0251	0.0537	2.0788	0.5159	0.0514	0.5673		3,180.7040	3,180.7040	0.1849		3,185.3261
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5091	12.1653	3.9753	0.0327	2.9997	0.0560	3.0557	0.7621	0.0535	0.8156		3,497.7297	3,497.7297	0.1954		3,502.6140

Froom Ranch - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3111	10.9914	2.5993	0.0291	7.8402	0.0472	7.8873	1.9432	0.0451	1.9884		3,144.4190	3,144.4190	0.1874		3,149.1037
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.4749	11.1217	3.7252	0.0322	8.8148	0.0494	8.8642	2.1895	0.0471	2.2367		3,450.6400	3,450.6400	0.1967		3,455.5574

Froom Ranch - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3111	10.9914	2.5993	0.0291	7.8402	0.0472	7.8873	1.9432	0.0451	1.9884		3,144.4190	3,144.4190	0.1874		3,149.1037
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.4749	11.1217	3.7252	0.0322	8.8148	0.0494	8.8642	2.1895	0.0471	2.2367		3,450.6400	3,450.6400	0.1967		3,455.5574

Froom Ranch - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4800	16.3461	5.0859	0.0427	1.0545	0.0238	1.0783	0.3038	0.0228	0.3266		4,562.0596	4,562.0596	0.2577		4,568.5013
Worker	0.2283	0.1584	1.4439	4.5700e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		455.2575	455.2575	0.0111		455.5351
Total	0.7083	16.5045	6.5298	0.0473	1.6477	0.0272	1.6749	0.4611	0.0259	0.4870		5,017.3171	5,017.3171	0.2688		5,024.0364

Froom Ranch - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4800	16.3461	5.0859	0.0427	1.0545	0.0238	1.0783	0.3038	0.0228	0.3266		4,562.0596	4,562.0596	0.2577		4,568.5013
Worker	0.2283	0.1584	1.4439	4.5700e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		455.2575	455.2575	0.0111		455.5351
Total	0.7083	16.5045	6.5298	0.0473	1.6477	0.0272	1.6749	0.4611	0.0259	0.4870		5,017.3171	5,017.3171	0.2688		5,024.0364

Froom Ranch - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	17.3562	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	17.3562	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

4.0 Operational Detail - Mobile

Froom Ranch - San Luis Obispo County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66
Unmitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

Froom Ranch - San Luis Obispo County, Winter

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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

Froom Ranch - San Luis Obispo County, Winter

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

Froom Ranch - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1229.45	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3632.47	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.22945	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3.63247	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

Froom Ranch - San Luis Obispo County, Winter

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - San Luis Obispo County, Winter

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - San Luis Obispo County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Froom Ranch - San Luis Obispo County, Winter

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
----------------	--------

11.0 Vegetation

APPENDIX D.2

Project CalEEMod Results (Mitigated)

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Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

Froom Ranch - Mitigated Run
San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase; Project MM AQ-1b, requiring use of 50 g/L or less paint for architectural coating

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

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Vehicle Emission Factors -
 Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Project MM AQ-1a - Construction Activity Management Plan

Table Name	Column Name	Default Value	New Value
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tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
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tblLandUse	LotAcreage	8.13	5.70
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tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93

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tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
tblLandUse	Population	255.00	93.00
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tblTripsAndVMT	WorkerTripNumber	859.00	60.00
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tblVehicleTrips	WD_TR	2.74	2.40
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tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90

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tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
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tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8255	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.8333	2,715.8333	0.7074	0.0000	2,733.5186
2021	0.8944	9.3480	7.1533	0.0160	1.0823	0.3740	1.4563	0.4186	0.3464	0.7651	0.0000	1,436.3385	1,436.3385	0.3172	0.0000	1,444.2682
2022	1.7336	4.4991	4.1163	9.8900e-003	0.3554	0.1570	0.5125	0.0936	0.1474	0.2410	0.0000	893.1228	893.1228	0.1385	0.0000	896.5850
2023	0.6062	7.7599	5.9865	0.0184	0.6265	0.1992	0.8257	0.1665	0.1886	0.3551	0.0000	1,686.7150	1,686.7150	0.1953	0.0000	1,691.5971
2024	1.1596	4.0502	3.3997	0.0100	0.5945	0.1023	0.6967	0.1527	0.0973	0.2500	0.0000	916.3679	916.3679	0.1044	0.0000	918.9784
Maximum	1.8255	21.8541	12.6422	0.0303	2.7796	0.8391	3.6188	1.3524	0.7724	2.1247	0.0000	2,715.8333	2,715.8333	0.7074	0.0000	2,733.5186

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.6962	13.7298	14.8543	0.0303	1.5222	0.5038	2.0259	0.6784	0.5033	1.1817	0.0000	2,715.8308	2,715.8308	0.7074	0.0000	2,733.5161
2021	0.4190	7.1040	8.0798	0.0160	0.7881	0.2863	1.0744	0.2658	0.2860	0.5518	0.0000	1,436.3373	1,436.3373	0.3172	0.0000	1,444.2671
2022	1.5394	4.2105	4.3856	9.8900e-003	0.3554	0.1629	0.5183	0.0936	0.1627	0.2563	0.0000	893.1222	893.1222	0.1385	0.0000	896.5845
2023	0.3342	7.5427	6.2667	0.0184	0.6265	0.2457	0.8722	0.1665	0.2454	0.4119	0.0000	1,686.7143	1,686.7143	0.1953	0.0000	1,691.5963
2024	1.0106	4.0877	3.5517	0.0100	0.5945	0.1447	0.7391	0.1527	0.1445	0.2973	0.0000	916.3675	916.3675	0.1044	0.0000	918.9780
Maximum	1.5394	13.7298	14.8543	0.0303	1.5222	0.5038	2.0259	0.6784	0.5033	1.1817	0.0000	2,715.8308	2,715.8308	0.7074	0.0000	2,733.5161

	ROG	NOx	CO	SO2	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	35.70	22.81	-11.53	0.00	28.53	19.63	26.44	37.86	13.54	27.76	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-3-2020	5-2-2020	2.1688	1.2212
2	5-3-2020	8-2-2020	8.1462	4.9941
3	8-3-2020	11-2-2020	8.1501	4.9980
4	11-3-2020	2-2-2021	6.9531	4.3274
5	2-3-2021	5-2-2021	3.4395	2.2313
6	5-3-2021	8-2-2021	1.7764	1.3709

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7	8-3-2021	11-2-2021	2.1565	1.8266
8	11-3-2021	2-2-2022	1.6377	1.4333
9	2-3-2022	5-2-2022	1.5029	1.3621
10	5-3-2022	8-2-2022	1.7731	1.5935
11	8-3-2022	11-2-2022	1.9873	1.9054
12	11-3-2022	2-2-2023	0.9154	0.8563
13	2-3-2023	5-2-2023	1.3999	1.3185
14	5-3-2023	8-2-2023	1.9185	1.8062
15	8-3-2023	11-2-2023	2.7582	2.5956
16	11-3-2023	2-2-2024	2.6996	2.5704
17	2-3-2024	5-2-2024	1.3783	1.3462
18	5-3-2024	8-2-2024	1.2518	1.2182
19	8-3-2024	9-30-2024	0.8028	0.7813
		Highest	8.1501	4.9980

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56

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Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38
Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74

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Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0888	0.0000	0.0888	0.0467	0.0000	0.0467	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0151	0.3090	0.4071	6.2000e-004		0.0160	0.0160		0.0160	0.0160	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873
Total	0.0151	0.3090	0.4071	6.2000e-004	0.0888	0.0160	0.1048	0.0467	0.0160	0.0627	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

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3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3504	0.0000	0.3504	0.1905	0.0000	0.1905	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2149	4.2222	5.1304	8.7500e-003		0.1809	0.1809		0.1809	0.1809	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324
Total	0.2149	4.2222	5.1304	8.7500e-003	0.3504	0.1809	0.5312	0.1905	0.1809	0.3713	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1593	0.0000	0.1593	0.0854	0.0000	0.0854	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0961	1.8876	2.2936	3.9100e-003		0.0809	0.0809		0.0809	0.0809	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820
Total	0.0961	1.8876	2.2936	3.9100e-003	0.1593	0.0809	0.2402	0.0854	0.0809	0.1663	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6596	0.0000	0.6596	0.3512	0.0000	0.3512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6596	0.2495	0.9091	0.3512	0.2295	0.5807	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0345	1.2778	0.2776	3.1200e-003	0.2067	5.5700e-003	0.2123	0.0527	5.3300e-003	0.0580	0.0000	305.5956	305.5956	0.0173	0.0000	306.0284
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0510	1.2928	0.4076	3.4600e-003	0.3061	5.8100e-003	0.3119	0.0779	5.5500e-003	0.0834	0.0000	336.0400	336.0400	0.0183	0.0000	336.4979

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2968	0.0000	0.2968	0.1580	0.0000	0.1580	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1770	3.4771	4.2250	7.2100e-003		0.1489	0.1489		0.1489	0.1489	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267
Total	0.1770	3.4771	4.2250	7.2100e-003	0.2968	0.1489	0.4457	0.1580	0.1489	0.3070	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0345	1.2778	0.2776	3.1200e-003	0.2067	5.5700e-003	0.2123	0.0527	5.3300e-003	0.0580	0.0000	305.5956	305.5956	0.0173	0.0000	306.0284
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0510	1.2928	0.4076	3.4600e-003	0.3061	5.8100e-003	0.3119	0.0779	5.5500e-003	0.0834	0.0000	336.0400	336.0400	0.0183	0.0000	336.4979

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1808	0.0000	0.1808	0.0880	0.0000	0.0880	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1808	0.0554	0.2362	0.0880	0.0510	0.1390	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8100e-003	0.2838	0.0642	7.5000e-004	0.1940	1.1900e-003	0.1952	0.0481	1.1300e-003	0.0492	0.0000	73.3832	73.3832	4.2600e-003	0.0000	73.4898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0116	0.2871	0.0928	8.3000e-004	0.2182	1.2500e-003	0.2194	0.0542	1.1800e-003	0.0554	0.0000	80.5249	80.5249	4.4800e-003	0.0000	80.6368

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0814	0.0000	0.0814	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0430	0.8444	1.0261	1.7500e-003		0.0362	0.0362		0.0362	0.0362	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498
Total	0.0430	0.8444	1.0261	1.7500e-003	0.0814	0.0362	0.1175	0.0396	0.0362	0.0758	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.8100e-003	0.2838	0.0642	7.5000e-004	0.1940	1.1900e-003	0.1952	0.0481	1.1300e-003	0.0492	0.0000	73.3832	73.3832	4.2600e-003	0.0000	73.4898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0116	0.2871	0.0928	8.3000e-004	0.2182	1.2500e-003	0.2194	0.0542	1.1800e-003	0.0554	0.0000	80.5249	80.5249	4.4800e-003	0.0000	80.6368

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6508	0.0000	0.6508	0.3473	0.0000	0.3473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6508	0.2471	0.8979	0.3473	0.2274	0.5746	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2928	0.0000	0.2928	0.1563	0.0000	0.1563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1753	3.4440	4.1848	7.1400e-003		0.1475	0.1475		0.1475	0.1475	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465
Total	0.1753	3.4440	4.1848	7.1400e-003	0.2928	0.1475	0.4404	0.1563	0.1475	0.3038	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.3889	0.5635	7.5000e-004		0.0238	0.0238		0.0238	0.0238	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218
Total	0.0183	0.3889	0.5635	7.5000e-004		0.0238	0.0238		0.0238	0.0238	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0171	0.3646	0.5283	7.0000e-004		0.0223	0.0223		0.0223	0.0223	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954
Total	0.0171	0.3646	0.5283	7.0000e-004		0.0223	0.0223		0.0223	0.0223	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0189	0.3788	0.5840	8.1000e-004		0.0201	0.0201		0.0201	0.0201	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0354	0.3788	0.5840	8.1000e-004		0.0201	0.0201		0.0201	0.0201	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0557	1.1852	1.4992	2.3700e-003		0.0756	0.0756		0.0756	0.0756	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219
Total	0.0557	1.1852	1.4992	2.3700e-003		0.0756	0.0756		0.0756	0.0756	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0713	1.5167	1.9186	3.0400e-003		0.0967	0.0967		0.0967	0.0967	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047
Total	0.0713	1.5167	1.9186	3.0400e-003		0.0967	0.0967		0.0967	0.0967	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0203	0.4059	0.6258	8.7000e-004		0.0215	0.0215		0.0215	0.0215	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0368	0.4059	0.6258	8.7000e-004		0.0215	0.0215		0.0215	0.0215	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6912	73.6912	0.0238	0.0000	74.2871
Total	0.0526	0.4919	0.5826	8.4000e-004		0.0299	0.0299		0.0275	0.0275	0.0000	73.6912	73.6912	0.0238	0.0000	74.2871

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147
Total	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0206	0.4375	0.6340	8.4000e-004		0.0268	0.0268		0.0268	0.0268	0.0000	73.6911	73.6911	0.0238	0.0000	74.2870
Total	0.0206	0.4375	0.6340	8.4000e-004		0.0268	0.0268		0.0268	0.0268	0.0000	73.6911	73.6911	0.0238	0.0000	74.2870

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147
Total	8.2700e-003	6.9000e-003	0.0617	1.8000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6400e-003	0.0000	16.2033	16.2033	4.6000e-004	0.0000	16.2147

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	1.3026	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6100e-003	0.0597	0.0806	1.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	1.2962	0.0597	0.0806	1.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0599	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3114	105.3114	0.0332	0.0000	106.1418
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0764	0.5863	0.7594	1.2200e-003		0.0292	0.0292		0.0270	0.0270	0.0000	105.3114	105.3114	0.0332	0.0000	106.1418

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171
Total	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0284	0.5682	0.8761	1.2200e-003		0.0301	0.0301		0.0301	0.0301	0.0000	105.3113	105.3113	0.0332	0.0000	106.1416
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0449	0.5682	0.8761	1.2200e-003		0.0301	0.0301		0.0301	0.0301	0.0000	105.3113	105.3113	0.0332	0.0000	106.1416

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171
Total	9.6400e-003	8.0500e-003	0.0720	2.1000e-004	0.0243	1.5000e-004	0.0244	6.4500e-003	1.4000e-004	6.5900e-003	0.0000	18.9038	18.9038	5.3000e-004	0.0000	18.9171

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2941	434.2941	0.0975	0.0000	436.7307
Total	0.2994	2.6710	3.0137	5.0800e-003		0.1301	0.1301		0.1230	0.1230	0.0000	434.2941	434.2941	0.0975	0.0000	436.7307

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0763	2.6410	0.8010	6.8300e-003	0.1609	3.9200e-003	0.1649	0.0465	3.7500e-003	0.0503	0.0000	661.5339	661.5339	0.0351	0.0000	662.4109
Worker	0.0337	0.0269	0.2441	7.5000e-004	0.0901	5.4000e-004	0.0907	0.0240	5.0000e-004	0.0245	0.0000	67.5808	67.5808	1.7600e-003	0.0000	67.6249
Total	0.1099	2.6678	1.0451	7.5800e-003	0.2511	4.4600e-003	0.2555	0.0705	4.2500e-003	0.0747	0.0000	729.1147	729.1147	0.0368	0.0000	730.0358

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1175	2.5199	3.2127	5.0800e-003		0.1609	0.1609		0.1609	0.1609	0.0000	434.2936	434.2936	0.0975	0.0000	436.7302
Total	0.1175	2.5199	3.2127	5.0800e-003		0.1609	0.1609		0.1609	0.1609	0.0000	434.2936	434.2936	0.0975	0.0000	436.7302

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0763	2.6410	0.8010	6.8300e-003	0.1609	3.9200e-003	0.1649	0.0465	3.7500e-003	0.0503	0.0000	661.5339	661.5339	0.0351	0.0000	662.4109
Worker	0.0337	0.0269	0.2441	7.5000e-004	0.0901	5.4000e-004	0.0907	0.0240	5.0000e-004	0.0245	0.0000	67.5808	67.5808	1.7600e-003	0.0000	67.6249
Total	0.1099	2.6678	1.0451	7.5800e-003	0.2511	4.4600e-003	0.2555	0.0705	4.2500e-003	0.0747	0.0000	729.1147	729.1147	0.0368	0.0000	730.0358

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1996
Total	0.0253	0.2245	0.2693	4.6000e-004		0.0103	0.0103		9.7200e-003	9.7200e-003	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1996

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.4900e-003	0.2317	0.0676	6.1000e-004	0.0145	3.2000e-004	0.0148	4.1700e-003	3.1000e-004	4.4900e-003	0.0000	59.0429	59.0429	3.1600e-003	0.0000	59.1220
Worker	2.8500e-003	2.1800e-003	0.0202	6.0000e-005	8.0900e-003	5.0000e-005	8.1300e-003	2.1500e-003	4.0000e-005	2.1900e-003	0.0000	5.8292	5.8292	1.4000e-004	0.0000	5.8327
Total	9.3400e-003	0.2338	0.0878	6.7000e-004	0.0225	3.7000e-004	0.0229	6.3200e-003	3.5000e-004	6.6800e-003	0.0000	64.8721	64.8721	3.3000e-003	0.0000	64.9548

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.2262	0.2883	4.6000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1995
Total	0.0105	0.2262	0.2883	4.6000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	38.9822	38.9822	8.6900e-003	0.0000	39.1995

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.4900e-003	0.2317	0.0676	6.1000e-004	0.0145	3.2000e-004	0.0148	4.1700e-003	3.1000e-004	4.4900e-003	0.0000	59.0429	59.0429	3.1600e-003	0.0000	59.1220
Worker	2.8500e-003	2.1800e-003	0.0202	6.0000e-005	8.0900e-003	5.0000e-005	8.1300e-003	2.1500e-003	4.0000e-005	2.1900e-003	0.0000	5.8292	5.8292	1.4000e-004	0.0000	5.8327
Total	9.3400e-003	0.2338	0.0878	6.7000e-004	0.0225	3.7000e-004	0.0229	6.3200e-003	3.5000e-004	6.6800e-003	0.0000	64.8721	64.8721	3.3000e-003	0.0000	64.9548

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0576	1.2233	1.5469	2.4600e-003		0.0784	0.0784		0.0784	0.0784	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353
Total	0.0576	1.2233	1.5469	2.4600e-003		0.0784	0.0784		0.0784	0.0784	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	1.8310	2.3155	3.6800e-003		0.1173	0.1173		0.1173	0.1173	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732
Total	0.0862	1.8310	2.3155	3.6800e-003		0.1173	0.1173		0.1173	0.1173	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0400e-003	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842
Total	0.0940	0.0609	0.0905	1.5000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719
Total	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719

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3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9700e-003	0.0679	0.0916	1.5000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842
Total	0.0879	0.0679	0.0916	1.5000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003	0.0000	12.7663	12.7663	7.2000e-004	0.0000	12.7842

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719
Total	1.6900e-003	1.3000e-003	0.0120	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.4697	3.4697	8.0000e-005	0.0000	3.4719

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3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	0.7498	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

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3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1500e-003	0.0719	0.0971	1.6000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	0.7434	0.0719	0.0971	1.6000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Unmitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

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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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

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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	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
NaturalGas Mitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009
NaturalGas Unmitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.32585e+006	7.1500e-003	0.0611	0.0260	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	70.7524	70.7524	1.3600e-003	1.3000e-003	71.1729
Apartments Low Rise	448749	2.4200e-003	0.0207	8.8000e-003	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.9470	23.9470	4.6000e-004	4.4000e-004	24.0893
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.32585e+006	7.1500e-003	0.0611	0.0260	3.9000e-004		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	70.7524	70.7524	1.3600e-003	1.3000e-003	71.1729
Apartments Low Rise	448749	2.4200e-003	0.0207	8.8000e-003	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.9470	23.9470	4.6000e-004	4.4000e-004	24.0893
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	191347	55.6651	2.5200e-003	5.2000e-004	55.8832
Apartments Low Rise	565344	164.4651	7.4400e-003	1.5400e-003	165.1095
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	191347	55.6651	2.5200e-003	5.2000e-004	55.8832
Apartments Low Rise	565344	164.4651	7.4400e-003	1.5400e-003	165.1095
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

6.0 Area Detail

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Unmitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

7.0 Water Detail

7.1 Mitigation Measures Water

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.0903	1.4328	0.0345	142.1942
Unmitigated	96.0903	1.4328	0.0345	142.1942

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

8.0 Waste Detail

8.1 Mitigation Measures Waste

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	102.1917	6.0394	0.0000	253.1757
Unmitigated	102.1917	6.0394	0.0000	253.1757

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Froom Ranch - Mitigated Run - San Luis Obispo County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

Froom Ranch - Mitigated Run
San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase; Project MM AQ-1b, requiring use of 50 g/L or less paint for architectural coating

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

From Ranch - Mitigated Run - San Luis Obispo County, Summer

Vehicle Emission Factors -
 Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Project MM AQ-1a - Construction Activity Management Plan

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00

From Ranch - Mitigated Run - San Luis Obispo County, Summer

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

From Ranch - Mitigated Run - San Luis Obispo County, Summer

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	340.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00
tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

From Ranch - Mitigated Run - San Luis Obispo County, Summer

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	30.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	158,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	8.13	5.70
tblLandUse	LotAcreage	2.75	1.80
tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93

From Ranch - Mitigated Run - San Luis Obispo County, Summer

tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	9,875.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00

From Ranch - Mitigated Run - San Luis Obispo County, Summer

tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.7904	190.8163	109.5080	0.2679	23.2792	7.2268	30.5060	11.2028	6.6521	17.8549	0.0000	26,552.4683	26,552.4683	6.7955	0.0000	26,722.3560
2021	9.9289	115.9556	70.4734	0.1747	21.6194	4.3977	26.0172	8.9743	4.0476	13.0219	0.0000	17,272.3203	17,272.3203	4.5067	0.0000	17,384.9874
2022	61.0832	50.2041	45.3807	0.1083	3.9594	1.8599	5.8193	1.0409	1.7384	2.7793	0.0000	10,804.7881	10,804.7881	1.6951	0.0000	10,847.1653
2023	5.0958	64.8851	50.1132	0.1556	6.5686	1.6852	8.2537	1.7184	1.5961	3.3146	0.0000	15,724.3712	15,724.3712	1.7925	0.0000	15,769.1827
2024	28.3619	62.0554	49.1708	0.1547	6.5689	1.4856	8.0544	1.7186	1.4069	3.1255	0.0000	15,639.0583	15,639.0583	1.7836	0.0000	15,683.6477
Maximum	61.0832	190.8163	109.5080	0.2679	23.2792	7.2268	30.5060	11.2028	6.6521	17.8549	0.0000	26,552.4683	26,552.4683	6.7955	0.0000	26,722.3560

From Ranch - Mitigated Run - San Luis Obispo County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

From Ranch - Mitigated Run - San Luis Obispo County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

From Ranch - Mitigated Run - San Luis Obispo County, Summer

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.7278	0.0000	5.7278	3.0125	0.0000	3.0125			0.0000			0.0000
Off-Road	0.9762	19.9364	26.2655	0.0398		1.0300	1.0300		1.0300	1.0300	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	0.9762	19.9364	26.2655	0.0398	5.7278	1.0300	6.7578	3.0125	1.0300	4.0425	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3246	11.9362	2.5719	0.0299	2.0251	0.0525	2.0776	0.5159	0.0503	0.5661		3,228.1188	3,228.1188	0.1792		3,232.5975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.4786	12.0647	3.8498	0.0333	2.9997	0.0548	3.0545	0.7621	0.0524	0.8145		3,560.7182	3,560.7182	0.1900		3,565.4680

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					2.8040	0.0000	2.8040	1.5019	0.0000	1.5019			0.0000				0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503			6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8040	1.4184	4.2224	1.5019	1.4184	2.9204	0.0000	6,648.5839	6,648.5839	2.1503			6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.3246	11.9362	2.5719	0.0299	2.0251	0.0525	2.0776	0.5159	0.0503	0.5661		3,228.1188	3,228.1188	0.1792			3,232.5975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108			332.8705
Total	0.4786	12.0647	3.8498	0.0333	2.9997	0.0548	3.0545	0.7621	0.0524	0.8145		3,560.7182	3,560.7182	0.1900			3,565.4680

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3029	10.9261	2.4492	0.0296	7.8402	0.0461	7.8862	1.9432	0.0441	1.9873		3,192.3208	3,192.3208	0.1816		3,196.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.4463	11.0409	3.6096	0.0328	8.8148	0.0483	8.8631	2.1895	0.0461	2.2356		3,513.5856	3,513.5856	0.1913		3,518.3676

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8040	0.0000	2.8040	1.5019	0.0000	1.5019			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.8040	1.4184	4.2224	1.5019	1.4184	2.9204	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3029	10.9261	2.4492	0.0296	7.8402	0.0461	7.8862	1.9432	0.0441	1.9873		3,192.3208	3,192.3208	0.1816		3,196.8616
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.4463	11.0409	3.6096	0.0328	8.8148	0.0483	8.8631	2.1895	0.0461	2.2356		3,513.5856	3,513.5856	0.1913		3,518.3676

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8158	0.0000	2.8158	1.5026	0.0000	1.5026			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8158	1.4184	4.2342	1.5026	1.4184	2.9211	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2651	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2258	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	59.2102	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123
Total	58.9199	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4499	16.4777	4.5296	0.0441	1.0545	0.0227	1.0772	0.3038	0.0217	0.3255		4,711.8000	4,711.8000	0.2417		4,717.8432
Worker	0.1982	0.1397	1.4992	4.7900e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		477.6005	477.6005	0.0116		477.8903
Total	0.6481	16.6174	6.0288	0.0489	1.6477	0.0261	1.6738	0.4611	0.0248	0.4859		5,189.4005	5,189.4005	0.2533		5,195.7335

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4499	16.4777	4.5296	0.0441	1.0545	0.0227	1.0772	0.3038	0.0217	0.3255		4,711.8000	4,711.8000	0.2417		4,717.8432
Worker	0.1982	0.1397	1.4992	4.7900e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		477.6005	477.6005	0.0116		477.8903
Total	0.6481	16.6174	6.0288	0.0489	1.6477	0.0261	1.6738	0.4611	0.0248	0.4859		5,189.4005	5,189.4005	0.2533		5,195.7335

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	3.7605	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	3.5178	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	28.2958	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

From Ranch - Mitigated Run - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	28.0531	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

4.0 Operational Detail - Mobile

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44
Unmitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

From Ranch - Mitigated Run - San Luis Obispo County, Summer

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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

From Ranch - Mitigated Run - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1229.45	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3632.47	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

From Ranch - Mitigated Run - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.22945	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3.63247	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - Mitigated Run - San Luis Obispo County, Summer

Fire Pumps and Emergency Generators

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

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

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

11.0 Vegetation

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Froom Ranch - Mitigated Run
San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	130.00	Dwelling Unit	5.70	130,000.00	303
Apartments Low Rise	44.00	Dwelling Unit	1.80	44,000.00	103
Congregate Care (Assisted Living)	89.00	Dwelling Unit	5.56	89,000.00	93
Retirement Community	366.00	Dwelling Unit	25.40	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Details from EIR Section 2.0, Project Description

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization

Architectural Coating - Interior and exterior area based on squarefootage of use by phase; Project MM AQ-1b, requiring use of 50 g/L or less paint for architectural coating

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Vehicle Emission Factors -
 Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Project MM AQ-1a - Construction Activity Management Plan

Table Name	Column Name	Default Value	New Value
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tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
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Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
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Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstructionPhase	NumDays	110.00	208.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	158,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	8.13	5.70
tblLandUse	LotAcreage	2.75	1.80
tblLandUse	LotAcreage	73.20	25.40
tblLandUse	LotAcreage	0.69	0.93

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

tblLandUse	Population	372.00	303.00
tblLandUse	Population	126.00	103.00
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tblLandUse	Population	1,047.00	732.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblTripsAndVMT	WorkerTripNumber	15.00	60.00
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tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
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tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90

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tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.8682	191.0121	109.6881	0.2667	23.2792	7.2289	30.5081	11.2028	6.6540	17.8568	0.0000	26,424.55 09	26,424.55 09	6.8045	0.0000	26,594.66 35
2021	9.9848	116.0577	70.5446	0.1739	21.6194	4.3988	26.0183	8.9743	4.0487	13.0230	0.0000	17,188.82 22	17,188.82 22	4.5117	0.0000	17,301.61 48
2022	61.1427	50.1409	45.8490	0.1065	3.9594	1.8627	5.8221	1.0409	1.7411	2.7820	0.0000	10,614.08 37	10,614.08 37	1.7099	0.0000	10,656.83 08
2023	5.2168	64.6881	51.0795	0.1525	6.5686	1.6875	8.2560	1.7184	1.5984	3.3168	0.0000	15,400.90 34	15,400.90 34	1.8206	0.0000	15,446.41 83
2024	28.3719	61.8504	50.0846	0.1517	6.5689	1.4877	8.0565	1.7186	1.4089	3.1275	0.0000	15,318.63 89	15,318.63 89	1.8120	0.0000	15,363.93 77
Maximum	61.1427	191.0121	109.6881	0.2667	23.2792	7.2289	30.5081	11.2028	6.6540	17.8568	0.0000	26,424.55 09	26,424.55 09	6.8045	0.0000	26,594.66 35

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	7/1/2022	9/22/2022	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	9/23/2022	12/29/2022	6	84	
13	Phase III - Building Construction	Building Construction	1/1/2023	2/1/2024	6	340	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	2/2/2024	3/30/2024	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	9,875.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.7278	0.0000	5.7278	3.0125	0.0000	3.0125			0.0000			0.0000
Off-Road	0.9762	19.9364	26.2655	0.0398		1.0300	1.0300		1.0300	1.0300	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	0.9762	19.9364	26.2655	0.0398	5.7278	1.0300	6.7578	3.0125	1.0300	4.0425	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2310	2.3761	8.6072	3.3376	2.1860	5.5237		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3336	12.0195	2.7321	0.0295	2.0251	0.0537	2.0788	0.5159	0.0514	0.5673		3,180.7040	3,180.7040	0.1849		3,185.3261
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5091	12.1653	3.9753	0.0327	2.9997	0.0560	3.0557	0.7621	0.0535	0.8156		3,497.7297	3,497.7297	0.1954		3,502.6140

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8040	0.0000	2.8040	1.5019	0.0000	1.5019			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8040	1.4184	4.2224	1.5019	1.4184	2.9204	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3336	12.0195	2.7321	0.0295	2.0251	0.0537	2.0788	0.5159	0.0514	0.5673		3,180.7040	3,180.7040	0.1849		3,185.3261
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5091	12.1653	3.9753	0.0327	2.9997	0.0560	3.0557	0.7621	0.0535	0.8156		3,497.7297	3,497.7297	0.1954		3,502.6140

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2310	0.0000	6.2310	3.3376	0.0000	3.3376			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2310	2.1730	8.4041	3.3376	1.9992	5.3368		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3111	10.9914	2.5993	0.0291	7.8402	0.0472	7.8873	1.9432	0.0451	1.9884		3,144.4190	3,144.4190	0.1874		3,149.1037
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.4749	11.1217	3.7252	0.0322	8.8148	0.0494	8.8642	2.1895	0.0471	2.2367		3,450.6400	3,450.6400	0.1967		3,455.5574

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8040	0.0000	2.8040	1.5019	0.0000	1.5019			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.8040	1.4184	4.2224	1.5019	1.4184	2.9204	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3111	10.9914	2.5993	0.0291	7.8402	0.0472	7.8873	1.9432	0.0451	1.9884		3,144.4190	3,144.4190	0.1874		3,149.1037
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.4749	11.1217	3.7252	0.0322	8.8148	0.0494	8.8642	2.1895	0.0471	2.2367		3,450.6400	3,450.6400	0.1967		3,455.5574

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2573	0.0000	6.2573	3.3392	0.0000	3.3392			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2573	2.3761	8.6335	3.3392	2.1860	5.5252		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8158	0.0000	2.8158	1.5026	0.0000	1.5026			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8158	1.4184	4.2342	1.5026	1.4184	2.9211	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2651	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2258	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515
Total	1.4620	13.6646	16.1841	0.0233		0.8310	0.8310		0.7645	0.7645		2,256.4073	2,256.4073	0.7298		2,274.6515

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.4073	2,256.4073	0.7298		2,274.6515

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	59.2102	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123
Total	58.9199	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382
Total	1.8063	16.0349	19.2379	0.0326		0.7341	0.7341		0.6943	0.6943		3,069.3236	3,069.3236	0.6846		3,086.4382

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4800	16.3461	5.0859	0.0427	1.0545	0.0238	1.0783	0.3038	0.0228	0.3266		4,562.0596	4,562.0596	0.2577		4,568.5013
Worker	0.2283	0.1584	1.4439	4.5700e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		455.2575	455.2575	0.0111		455.5351
Total	0.7083	16.5045	6.5298	0.0473	1.6477	0.0272	1.6749	0.4611	0.0259	0.4870		5,017.3171	5,017.3171	0.2688		5,024.0364

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,069.3236	3,069.3236	0.6846		3,086.4382

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4800	16.3461	5.0859	0.0427	1.0545	0.0238	1.0783	0.3038	0.0228	0.3266		4,562.0596	4,562.0596	0.2577		4,568.5013
Worker	0.2283	0.1584	1.4439	4.5700e-003	0.5932	3.3900e-003	0.5966	0.1573	3.1300e-003	0.1605		455.2575	455.2575	0.0111		455.5351
Total	0.7083	16.5045	6.5298	0.0473	1.6477	0.0272	1.6749	0.4611	0.0259	0.4870		5,017.3171	5,017.3171	0.2688		5,024.0364

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	3.7605	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	3.5178	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	28.2958	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	28.0531	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

4.0 Operational Detail - Mobile

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66
Unmitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	864.50	830.70	761.80	2,147,616	2,147,616
Apartments Low Rise	292.60	281.16	257.84	726,885	726,885
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1229.45	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3632.47	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.22945	0.0133	0.1133	0.0482	7.2000e-004		9.1600e-003	9.1600e-003		9.1600e-003	9.1600e-003		144.6412	144.6412	2.7700e-003	2.6500e-003	145.5008
Apartments Low Rise	3.63247	0.0392	0.3348	0.1425	2.1400e-003		0.0271	0.0271		0.0271	0.0271		427.3491	427.3491	8.1900e-003	7.8300e-003	429.8886
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Froom Ranch - Mitigated Run - San Luis Obispo County, Winter

Fire Pumps and Emergency Generators

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

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

APPENDIX D.3

Alternative 1 CalEEMod Results (Un-mitigated)

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Froom Ranch - Alternative 1 - San Luis Obispo County, Annual

Froom Ranch - Alternative 1
San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 - San Luis Obispo County, Annual

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-

Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Vehicle Emission Factors -
 Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	364.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00
tblConstructionPhase	NumDays	110.00	369.00

From Ranch - Alternative 1 - San Luis Obispo County, Annual

tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	22.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00

From Ranch - Alternative 1 - San Luis Obispo County, Annual

tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	10.88	7.40
tblLandUse	LotAcreage	5.56	4.30
tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	498.00	406.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00

From Ranch - Alternative 1 - San Luis Obispo County, Annual

tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00

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tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

From Ranch - Alternative 1 - San Luis Obispo County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8321	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8578	2,773.8578	0.7107	0.0000	2,791.6253
2021	0.9701	10.0116	7.8889	0.0173	1.1447	0.4112	1.5559	0.4342	0.3807	0.8149	0.0000	1,551.1624	1,551.1624	0.3452	0.0000	1,559.7913
2022	4.6448	8.5846	6.5891	0.0185	0.5225	0.2445	0.7670	0.1408	0.2309	0.3718	0.0000	1,683.1384	1,683.1384	0.2170	0.0000	1,688.5627
2023	0.8011	4.6779	3.6965	0.0111	0.4833	0.1234	0.6067	0.1262	0.1171	0.2433	0.0000	1,016.9785	1,016.9785	0.1169	0.0000	1,019.9018
2024	2.7222	3.5296	2.9401	8.7200e-003	0.5671	0.0885	0.6556	0.1451	0.0841	0.2292	0.0000	796.2776	796.2776	0.0916	0.0000	798.5680
Maximum	4.6448	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8578	2,773.8578	0.7107	0.0000	2,791.6253

From Ranch - Alternative 1 - San Luis Obispo County, Annual

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8321	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8553	2,773.8553	0.7107	0.0000	2,791.6228
2021	0.9701	10.0116	7.8889	0.0173	1.1447	0.4112	1.5559	0.4342	0.3807	0.8149	0.0000	1,551.1612	1,551.1612	0.3452	0.0000	1,559.7900
2022	4.6448	8.5846	6.5891	0.0185	0.5225	0.2445	0.7670	0.1408	0.2309	0.3718	0.0000	1,683.1376	1,683.1376	0.2170	0.0000	1,688.5619
2023	0.8011	4.6779	3.6965	0.0111	0.4833	0.1234	0.6067	0.1262	0.1171	0.2433	0.0000	1,016.9780	1,016.9780	0.1169	0.0000	1,019.9014
2024	2.7222	3.5296	2.9401	8.7200e-003	0.5671	0.0885	0.6556	0.1451	0.0841	0.2292	0.0000	796.2772	796.2772	0.0916	0.0000	798.5676
Maximum	4.6448	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8553	2,773.8553	0.7107	0.0000	2,791.6228

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-3-2020	5-2-2020	2.1708	2.1708
2	5-3-2020	8-2-2020	8.2380	8.2380
3	8-3-2020	11-2-2020	8.2421	8.2421
4	11-3-2020	2-2-2021	7.0427	7.0427
5	2-3-2021	5-2-2021	3.4644	3.4644
6	5-3-2021	8-2-2021	1.7764	1.7764

Froom Ranch - Alternative 1 - San Luis Obispo County, Annual

7	8-3-2021	11-2-2021	2.3999	2.3999
8	11-3-2021	2-2-2022	2.3077	2.3077
9	2-3-2022	5-2-2022	2.4759	2.4759
10	5-3-2022	8-2-2022	3.2110	3.2110
11	8-3-2022	11-2-2022	5.6352	5.6352
12	11-3-2022	2-2-2023	1.5804	1.5804
13	2-3-2023	5-2-2023	1.3999	1.3999
14	5-3-2023	8-2-2023	1.4108	1.4108
15	8-3-2023	11-2-2023	1.3105	1.3105
16	11-3-2023	2-2-2024	1.2885	1.2885
17	2-3-2024	5-2-2024	1.2237	1.2237
18	5-3-2024	8-2-2024	1.2518	1.2518
19	8-3-2024	9-30-2024	0.8028	0.8028
		Highest	8.2421	8.2421

From Ranch - Alternative 1 - San Luis Obispo County, Annual

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

From Ranch - Alternative 1 - San Luis Obispo County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

	ROG	NOx	CO	SO2	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

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
13	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56

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Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38
Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74

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Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

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3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6624	0.0000	0.6624	0.3516	0.0000	0.3516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6624	0.2495	0.9118	0.3516	0.2295	0.5811	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	1.5204	0.3303	3.7200e-003	0.2460	6.6300e-003	0.2526	0.0627	6.3400e-003	0.0691	0.0000	363.6201	363.6201	0.0206	0.0000	364.1351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0576	1.5354	0.4604	4.0600e-003	0.3454	6.8700e-003	0.3523	0.0879	6.5600e-003	0.0944	0.0000	394.0645	394.0645	0.0216	0.0000	394.6046

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6624	0.0000	0.6624	0.3516	0.0000	0.3516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6624	0.2495	0.9118	0.3516	0.2295	0.5811	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	1.5204	0.3303	3.7200e-003	0.2460	6.6300e-003	0.2526	0.0627	6.3400e-003	0.0691	0.0000	363.6201	363.6201	0.0206	0.0000	364.1351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0576	1.5354	0.4604	4.0600e-003	0.3454	6.8700e-003	0.3523	0.0879	6.5600e-003	0.0944	0.0000	394.0645	394.0645	0.0216	0.0000	394.6046

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1836	0.0000	0.1836	0.0884	0.0000	0.0884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1836	0.0554	0.2390	0.0884	0.0510	0.1394	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3000e-003	0.3377	0.0764	8.9000e-004	0.2309	1.4100e-003	0.2323	0.0572	1.3500e-003	0.0586	0.0000	87.3167	87.3167	5.0700e-003	0.0000	87.4435
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0130	0.3410	0.1050	9.7000e-004	0.2550	1.4700e-003	0.2565	0.0633	1.4000e-003	0.0648	0.0000	94.4584	94.4584	5.2900e-003	0.0000	94.5906

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1836	0.0000	0.1836	0.0884	0.0000	0.0884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1836	0.0554	0.2390	0.0884	0.0510	0.1394	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3000e-003	0.3377	0.0764	8.9000e-004	0.2309	1.4100e-003	0.2323	0.0572	1.3500e-003	0.0586	0.0000	87.3167	87.3167	5.0700e-003	0.0000	87.4435
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0130	0.3410	0.1050	9.7000e-004	0.2550	1.4700e-003	0.2565	0.0633	1.4000e-003	0.0648	0.0000	94.4584	94.4584	5.2900e-003	0.0000	94.5906

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6465	0.0000	0.6465	0.3468	0.0000	0.3468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6465	0.2471	0.8936	0.3468	0.2274	0.5742	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6465	0.0000	0.6465	0.3468	0.0000	0.3468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6465	0.2471	0.8936	0.3468	0.2274	0.5742	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6789	73.6789	0.0238	0.0000	74.2746
Total	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6789	73.6789	0.0238	0.0000	74.2746

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166
Total	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6788	73.6788	0.0238	0.0000	74.2745
Total	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6788	73.6788	0.0238	0.0000	74.2745

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166
Total	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.9263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	3.9353	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.9263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	3.9353	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.13 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6700e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431
Paving	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0400e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350
Total	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350

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3.13 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6700e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431
Paving	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0400e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350
Total	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350

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3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0550	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5354	96.5354	0.0305	0.0000	97.2966
Paving	0.0151					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0701	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5354	96.5354	0.0305	0.0000	97.2966

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407
Total	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407

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3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0550	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5353	96.5353	0.0305	0.0000	97.2965
Paving	0.0151					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0701	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5353	96.5353	0.0305	0.0000	97.2965

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407
Total	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407

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3.14 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2440	2.1885	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3973	328.3973	0.0743	0.0000	330.2537
Total	0.2440	2.1885	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3973	328.3973	0.0743	0.0000	330.2537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0755	2.4228	0.6897	5.2600e-003	0.1217	6.4000e-003	0.1281	0.0352	6.1200e-003	0.0413	0.0000	508.7534	508.7534	0.0298	0.0000	509.4992
Worker	0.0271	0.0226	0.2022	5.9000e-004	0.0682	4.2000e-004	0.0686	0.0181	3.9000e-004	0.0185	0.0000	53.1107	53.1107	1.4900e-003	0.0000	53.1481
Total	0.1026	2.4454	0.8919	5.8500e-003	0.1899	6.8200e-003	0.1967	0.0533	6.5100e-003	0.0598	0.0000	561.8641	561.8641	0.0313	0.0000	562.6473

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3.14 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2440	2.1884	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3969	328.3969	0.0743	0.0000	330.2533
Total	0.2440	2.1884	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3969	328.3969	0.0743	0.0000	330.2533

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0755	2.4228	0.6897	5.2600e-003	0.1217	6.4000e-003	0.1281	0.0352	6.1200e-003	0.0413	0.0000	508.7534	508.7534	0.0298	0.0000	509.4992
Worker	0.0271	0.0226	0.2022	5.9000e-004	0.0682	4.2000e-004	0.0686	0.0181	3.9000e-004	0.0185	0.0000	53.1107	53.1107	1.4900e-003	0.0000	53.1481
Total	0.1026	2.4454	0.8919	5.8500e-003	0.1899	6.8200e-003	0.1967	0.0533	6.5100e-003	0.0598	0.0000	561.8641	561.8641	0.0313	0.0000	562.6473

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3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1719	178.1719	0.0400	0.0000	179.1716
Total	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1719	178.1719	0.0400	0.0000	179.1716

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0313	1.0835	0.3286	2.8000e-003	0.0660	1.6100e-003	0.0676	0.0191	1.5400e-003	0.0206	0.0000	271.3985	271.3985	0.0144	0.0000	271.7583
Worker	0.0138	0.0110	0.1001	3.1000e-004	0.0370	2.2000e-004	0.0372	9.8200e-003	2.1000e-004	0.0100	0.0000	27.7255	27.7255	7.2000e-004	0.0000	27.7435
Total	0.0451	1.0945	0.4288	3.1100e-003	0.1030	1.8300e-003	0.1048	0.0289	1.7500e-003	0.0307	0.0000	299.1240	299.1240	0.0151	0.0000	299.5019

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3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1717	178.1717	0.0400	0.0000	179.1714
Total	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1717	178.1717	0.0400	0.0000	179.1714

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0313	1.0835	0.3286	2.8000e-003	0.0660	1.6100e-003	0.0676	0.0191	1.5400e-003	0.0206	0.0000	271.3985	271.3985	0.0144	0.0000	271.7583
Worker	0.0138	0.0110	0.1001	3.1000e-004	0.0370	2.2000e-004	0.0372	9.8200e-003	2.1000e-004	0.0100	0.0000	27.7255	27.7255	7.2000e-004	0.0000	27.7435
Total	0.0451	1.0945	0.4288	3.1100e-003	0.1030	1.8300e-003	0.1048	0.0289	1.7500e-003	0.0307	0.0000	299.1240	299.1240	0.0151	0.0000	299.5019

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3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.16 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854
Total	0.4345	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124
Total	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.16 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4249					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854
Total	0.4345	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124
Total	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4332					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	2.4427	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

From Ranch - Alternative 1 - San Luis Obispo County, Annual

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4332					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	2.4427	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

4.0 Operational Detail - Mobile

From Ranch - Alternative 1 - San Luis Obispo County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Unmitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

From Ranch - Alternative 1 - San Luis Obispo County, Annual

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	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
NaturalGas Mitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009
NaturalGas Unmitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

From Ranch - Alternative 1 - San Luis Obispo County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.7746e+006	9.5700e-003	0.0818	0.0348	5.2000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	94.6994	94.6994	1.8200e-003	1.7400e-003	95.2622
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

From Ranch - Alternative 1 - San Luis Obispo County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.7746e+006	9.5700e-003	0.0818	0.0348	5.2000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	94.6994	94.6994	1.8200e-003	1.7400e-003	95.2622
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

From Ranch - Alternative 1 - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	756691	220.1302	9.9500e-003	2.0600e-003	220.9927
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

From Ranch - Alternative 1 - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	756691	220.1302	9.9500e-003	2.0600e-003	220.9927
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

6.0 Area Detail

6.1 Mitigation Measures Area

From Ranch - Alternative 1 - San Luis Obispo County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Unmitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

From Ranch - Alternative 1 - San Luis Obispo County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

7.0 Water Detail

7.1 Mitigation Measures Water

From Ranch - Alternative 1 - San Luis Obispo County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.0903	1.4328	0.0345	142.1942
Unmitigated	96.0903	1.4328	0.0345	142.1942

From Ranch - Alternative 1 - San Luis Obispo County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

From Ranch - Alternative 1 - San Luis Obispo County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

8.0 Waste Detail

8.1 Mitigation Measures Waste

From Ranch - Alternative 1 - San Luis Obispo County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	102.1917	6.0394	0.0000	253.1757
Unmitigated	102.1917	6.0394	0.0000	253.1757

From Ranch - Alternative 1 - San Luis Obispo County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

From Ranch - Alternative 1 - San Luis Obispo County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Froom Ranch - Alternative 1 - San Luis Obispo County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Froom Ranch - Alternative 1
San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-

Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Vehicle Emission Factors -
 Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	364.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00
tblConstructionPhase	NumDays	110.00	369.00

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	22.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	10.88	7.40
tblLandUse	LotAcreage	5.56	4.30
tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	498.00	406.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.8520	193.0826	109.9964	0.2736	23.6441	7.2368	30.8809	11.2995	6.6616	17.9611	0.0000	27,165.40 22	27,165.40 22	6.8295	0.0000	27,336.14 04
2021	9.9864	118.0302	70.9385	0.1803	23.1292	4.4065	27.5357	9.3465	4.0560	13.4025	0.0000	17,878.45 72	17,878.45 72	4.5412	0.0000	17,991.98 64
2022	181.9772	75.4901	54.1025	0.1628	5.0135	2.0406	7.0541	1.3445	1.9310	3.2755	0.0000	16,431.82 24	16,431.82 24	1.9288	0.0000	16,480.04 10
2023	19.9399	34.1276	28.5147	0.0819	5.1188	0.9662	6.0849	1.3099	0.9236	2.2334	0.0000	8,303.400 0	8,303.400 0	0.9421	0.0000	8,326.951 4
2024	92.2448	29.4031	23.9041	0.0732	4.9212	0.7253	5.6466	1.2575	0.6878	1.9453	0.0000	7,380.334 3	7,380.334 3	0.8457	0.0000	7,401.476 0
Maximum	181.9772	193.0826	109.9964	0.2736	23.6441	7.2368	30.8809	11.2995	6.6616	17.9611	0.0000	27,165.40 22	27,165.40 22	6.8295	0.0000	27,336.14 04

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
13	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3863	14.2026	3.0603	0.0356	2.4096	0.0625	2.4721	0.6138	0.0598	0.6736		3,841.0527	3,841.0527	0.2132		3,846.3819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.5403	14.3310	4.3381	0.0390	3.3842	0.0648	3.4490	0.8601	0.0619	0.9220		4,173.6521	4,173.6521	0.2240		4,179.2523

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3863	14.2026	3.0603	0.0356	2.4096	0.0625	2.4721	0.6138	0.0598	0.6736		3,841.0527	3,841.0527	0.2132		3,846.3819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.5403	14.3310	4.3381	0.0390	3.3842	0.0648	3.4490	0.8601	0.0619	0.9220		4,173.6521	4,173.6521	0.2240		4,179.2523

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3604	13.0006	2.9142	0.0352	9.3288	0.0548	9.3836	2.3122	0.0524	2.3646		3,798.4577	3,798.4577	0.2161		3,803.8606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.5038	13.1155	4.0747	0.0384	10.3034	0.0570	10.3604	2.5585	0.0545	2.6129		4,119.7225	4,119.7225	0.2258		4,125.3666

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3604	13.0006	2.9142	0.0352	9.3288	0.0548	9.3836	2.3122	0.0524	2.3646		3,798.4577	3,798.4577	0.2161		3,803.8606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.5038	13.1155	4.0747	0.0384	10.3034	0.0570	10.3604	2.5585	0.0545	2.6129		4,119.7225	4,119.7225	0.2258		4,125.3666

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6221	20.4044	5.4602	0.0451	1.0541	0.0529	1.1070	0.3036	0.0506	0.3542		4,815.678 5	4,815.678 5	0.2697		4,822.422 1
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.8463	20.5766	7.2349	0.0503	1.6473	0.0564	1.7037	0.4609	0.0539	0.5148		5,331.974 5	5,331.974 5	0.2842		5,339.078 8

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6221	20.4044	5.4602	0.0451	1.0541	0.0529	1.1070	0.3036	0.0506	0.3542		4,815.678 5	4,815.678 5	0.2697		4,822.422 1
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.8463	20.5766	7.2349	0.0503	1.6473	0.0564	1.7037	0.4609	0.0539	0.5148		5,331.974 5	5,331.974 5	0.2842		5,339.078 8

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	17.3780	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
Total	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.16 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416	0.0000	562.8961	562.8961	0.0337		563.7380
Total	17.3780	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416	0.0000	562.8961	562.8961	0.0337		563.7380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
Total	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

4.0 Operational Detail - Mobile

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44
Unmitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4861.92	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4.86192	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

6.1 Mitigation Measures Area

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - Alternative 1 - San Luis Obispo County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

Froom Ranch - Alternative 1
San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-

Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

From Ranch - Alternative 1 - San Luis Obispo County, Winter

Vehicle Emission Factors -
 Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	364.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00
tblConstructionPhase	NumDays	110.00	369.00

From Ranch - Alternative 1 - San Luis Obispo County, Winter

tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	22.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00

From Ranch - Alternative 1 - San Luis Obispo County, Winter

tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	10.88	7.40
tblLandUse	LotAcreage	5.56	4.30
tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93
tblLandUse	Population	498.00	406.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00

From Ranch - Alternative 1 - San Luis Obispo County, Winter

tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00

From Ranch - Alternative 1 - San Luis Obispo County, Winter

tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10
tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.9316	193.2943	110.2068	0.2723	23.6441	7.2391	30.8831	11.2995	6.6638	17.9633	0.0000	27,028.48 20	27,028.48 20	6.8396	0.0000	27,199.47 22
2021	10.0439	118.1447	71.0381	0.1794	23.1292	4.4078	27.5370	9.3465	4.0573	13.4037	0.0000	17,785.86 38	17,785.86 38	4.5473	0.0000	17,899.54 59
2022	182.0775	75.2784	55.3076	0.1596	5.0135	2.0467	7.0602	1.3445	1.9369	3.2814	0.0000	16,091.06 84	16,091.06 84	1.9628	0.0000	16,140.13 91
2023	20.0082	34.0188	28.9325	0.0803	5.1188	0.9672	6.0860	1.3099	0.9246	2.2344	0.0000	8,129.739 8	8,129.739 8	0.9574	0.0000	8,153.674 2
2024	92.2548	29.3111	24.3169	0.0718	4.9212	0.7263	5.6475	1.2575	0.6887	1.9462	0.0000	7,231.998 2	7,231.998 2	0.8586	0.0000	7,253.463 1
Maximum	182.0775	193.2943	110.2068	0.2723	23.6441	7.2391	30.8831	11.2995	6.6638	17.9633	0.0000	27,028.48 20	27,028.48 20	6.8396	0.0000	27,199.47 22

From Ranch - Alternative 1 - San Luis Obispo County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

From Ranch - Alternative 1 - San Luis Obispo County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
12	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
13	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
14	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
15	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

From Ranch - Alternative 1 - San Luis Obispo County, Winter

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

From Ranch - Alternative 1 - San Luis Obispo County, Winter

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

From Ranch - Alternative 1 - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3969	14.3017	3.2508	0.0351	2.4096	0.0639	2.4735	0.6138	0.0611	0.6750		3,784.6351	3,784.6351	0.2200		3,790.1349
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5724	14.4475	4.4941	0.0383	3.3842	0.0662	3.4504	0.8601	0.0632	0.9233		4,101.6609	4,101.6609	0.2305		4,107.4227

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3969	14.3017	3.2508	0.0351	2.4096	0.0639	2.4735	0.6138	0.0611	0.6750		3,784.6351	3,784.6351	0.2200		3,790.1349
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5724	14.4475	4.4941	0.0383	3.3842	0.0662	3.4504	0.8601	0.0632	0.9233		4,101.6609	4,101.6609	0.2305		4,107.4227

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3702	13.0784	3.0928	0.0346	9.3288	0.0561	9.3849	2.3122	0.0537	2.3659		3,741.4606	3,741.4606	0.2230		3,747.0348
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.5340	13.2087	4.2187	0.0377	10.3034	0.0583	10.3617	2.5585	0.0557	2.6142		4,047.6816	4,047.6816	0.2323		4,053.4885

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3702	13.0784	3.0928	0.0346	9.3288	0.0561	9.3849	2.3122	0.0537	2.3659		3,741.4606	3,741.4606	0.2230		3,747.0348
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.5340	13.2087	4.2187	0.0377	10.3034	0.0583	10.3617	2.5585	0.0557	2.6142		4,047.6816	4,047.6816	0.2323		4,053.4885

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.12 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	178.4675					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123
Total	178.8766	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.13 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6628	20.2560	6.1970	0.0438	1.0541	0.0562	1.1103	0.3036	0.0537	0.3574		4,665.628 9	4,665.628 9	0.2890		4,672.854 6
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.9195	20.4513	7.9149	0.0487	1.6473	0.0598	1.7070	0.4609	0.0570	0.5180		5,157.755 7	5,157.755 7	0.3029		5,165.328 7

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6628	20.2560	6.1970	0.0438	1.0541	0.0562	1.1103	0.3036	0.0537	0.3574		4,665.628 9	4,665.628 9	0.2890		4,672.854 6
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.9195	20.4513	7.9149	0.0487	1.6473	0.0598	1.7070	0.4609	0.0570	0.5180		5,157.755 7	5,157.755 7	0.3029		5,165.328 7

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.14 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.15 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	17.3780	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
Total	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.16 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.9947					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416	0.0000	562.8961	562.8961	0.0337		563.7380
Total	17.3780	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416	0.0000	562.8961	562.8961	0.0337		563.7380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
Total	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

From Ranch - Alternative 1 - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	91.8172					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885
Total	92.1787	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

4.0 Operational Detail - Mobile

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66
Unmitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

From Ranch - Alternative 1 - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4861.92	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4.86192	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

6.1 Mitigation Measures Area

From Ranch - Alternative 1 - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - Alternative 1 - San Luis Obispo County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

APPENDIX D.4

Alternative 1 CalEEMod Results (Mitigated)

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Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

Froom Ranch - Alternative 1 Mitigated Run
San Luis Obispo County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase. 50g/L VOC applied for mitigation of ROG + NOx emissions, per applicable mitigation requirements

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Alternative 1 requirement for use of Tier 3 engines per mitigation requirements

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	0.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	91,200.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	103,666.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	18,332.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	424,575.00	57,942.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	311,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	55,000.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,273,725.00	174,000.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00

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tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	14.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	44.00
tblConstructionPhase	NumDays	75.00	50.00
tblConstructionPhase	NumDays	75.00	53.00
tblConstructionPhase	NumDays	1,110.00	364.00
tblConstructionPhase	NumDays	1,110.00	392.00
tblConstructionPhase	NumDays	1,110.00	326.00
tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
tblConstructionPhase	NumDays	75.00	60.00
tblConstructionPhase	NumDays	40.00	31.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	1,107.00	20.00
tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	22.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	10.88	7.40
tblLandUse	LotAcreage	5.56	4.30
tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93

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tblLandUse	Population	498.00	406.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00

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tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10

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tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.8321	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8578	2,773.8578	0.7107	0.0000	2,791.6253
2021	0.9701	10.0116	7.8889	0.0173	1.1447	0.4112	1.5559	0.4342	0.3807	0.8149	0.0000	1,551.1624	1,551.1624	0.3452	0.0000	1,559.7913
2022	2.0121	8.5846	6.5891	0.0185	0.5225	0.2445	0.7670	0.1408	0.2309	0.3718	0.0000	1,683.1384	1,683.1384	0.2170	0.0000	1,688.5627
2023	0.4612	4.6779	3.6965	0.0111	0.4833	0.1234	0.6067	0.1262	0.1171	0.2433	0.0000	1,016.9785	1,016.9785	0.1169	0.0000	1,019.9018
2024	1.0293	3.5296	2.9401	8.7200e-003	0.5671	0.0885	0.6556	0.1451	0.0841	0.2292	0.0000	796.2776	796.2776	0.0916	0.0000	798.5680
Maximum	2.0121	22.0967	12.6949	0.0309	2.8174	0.8402	3.6576	1.3623	0.7734	2.1357	0.0000	2,773.8578	2,773.8578	0.7107	0.0000	2,791.6253

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.7027	13.9724	14.9070	0.0309	1.5608	0.5048	2.0656	0.6884	0.5043	1.1927	0.0000	2,773.8553	2,773.8553	0.7107	0.0000	2,791.6228
2021	0.4545	7.6512	8.8728	0.0173	0.8490	0.3160	1.1650	0.2812	0.3157	0.5968	0.0000	1,551.1612	1,551.1612	0.3452	0.0000	1,559.7900
2022	1.6975	8.0697	6.9330	0.0185	0.5225	0.2620	0.7845	0.1408	0.2615	0.4023	0.0000	1,683.1376	1,683.1376	0.2170	0.0000	1,688.5619
2023	0.2898	4.5526	3.8604	0.0111	0.4833	0.1530	0.6362	0.1262	0.1528	0.2790	0.0000	1,016.9780	1,016.9780	0.1169	0.0000	1,019.9014
2024	0.9011	3.5585	3.0720	8.7200e-003	0.5671	0.1251	0.6922	0.1451	0.1250	0.2701	0.0000	796.2772	796.2772	0.0916	0.0000	798.5676
Maximum	1.6975	13.9724	14.9070	0.0309	1.5608	0.5048	2.0656	0.6884	0.5043	1.1927	0.0000	2,773.8553	2,773.8553	0.7107	0.0000	2,791.6228

	ROG	NOx	CO	SO2	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	35.83	22.69	-11.34	0.00	28.05	20.32	26.22	37.44	14.32	27.78	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-3-2020	5-2-2020	2.1708	1.2232
2	5-3-2020	8-2-2020	8.2380	5.0859
3	8-3-2020	11-2-2020	8.2421	5.0900
4	11-3-2020	2-2-2021	7.0427	4.4171
5	2-3-2021	5-2-2021	3.4644	2.2561
6	5-3-2021	8-2-2021	1.7764	1.3709

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7	8-3-2021	11-2-2021	2.3999	2.0135
8	11-3-2021	2-2-2022	2.3077	1.9867
9	2-3-2022	5-2-2022	2.4759	2.2554
10	5-3-2022	8-2-2022	3.2110	2.9192
11	8-3-2022	11-2-2022	3.0197	2.8649
12	11-3-2022	2-2-2023	1.5804	1.4565
13	2-3-2023	5-2-2023	1.3999	1.3185
14	5-3-2023	8-2-2023	1.0728	1.0152
15	8-3-2023	11-2-2023	1.3105	1.2321
16	11-3-2023	2-2-2024	1.2885	1.2261
17	2-3-2024	5-2-2024	1.2237	1.1908
18	5-3-2024	8-2-2024	1.2518	1.2182
19	8-3-2024	9-30-2024	0.8028	0.7813
		Highest	8.2421	5.0900

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Energy	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	2,224.9702	2,224.9702	0.0827	0.0270	2,235.0771
Mobile	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Waste						0.0000	0.0000		0.0000	0.0000	102.1917	0.0000	102.1917	6.0394	0.0000	253.1757
Water						0.0000	0.0000		0.0000	0.0000	13.9136	82.1768	96.0903	1.4328	0.0345	142.1942
Total	5.5189	4.7037	20.0241	0.0383	3.3236	0.1264	3.4500	0.8894	0.1244	1.0137	116.1053	5,446.9378	5,563.0431	7.6855	0.0615	5,773.5035

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

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
12	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
13	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
14	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
15	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56

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Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38
Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74

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Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

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3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1973	0.0000	0.1973	0.1038	0.0000	0.1038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	0.5566	0.3707	6.2000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873
Total	0.0541	0.5566	0.3707	6.2000e-004	0.1973	0.0291	0.2264	0.1038	0.0268	0.1305	0.0000	54.2487	54.2487	0.0176	0.0000	54.6873

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0888	0.0000	0.0888	0.0467	0.0000	0.0467	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0151	0.3090	0.4071	6.2000e-004		0.0160	0.0160		0.0160	0.0160	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873
Total	0.0151	0.3090	0.4071	6.2000e-004	0.0888	0.0160	0.1048	0.0467	0.0160	0.0627	0.0000	54.2486	54.2486	0.0176	0.0000	54.6873

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988
Total	1.3600e-003	1.2300e-003	0.0107	3.0000e-005	2.9800e-003	2.0000e-005	3.0000e-003	7.9000e-004	2.0000e-005	8.1000e-004	0.0000	2.4968	2.4968	8.0000e-005	0.0000	2.4988

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3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7786	0.0000	0.7786	0.4232	0.0000	0.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6281	7.2067	4.3060	8.7500e-003		0.3030	0.3030		0.2787	0.2787	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334
Total	0.6281	7.2067	4.3060	8.7500e-003	0.7786	0.3030	1.0816	0.4232	0.2787	0.7020	0.0000	769.0155	769.0155	0.2487	0.0000	775.2334

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

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3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3504	0.0000	0.3504	0.1905	0.0000	0.1905	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2149	4.2222	5.1304	8.7500e-003		0.1809	0.1809		0.1809	0.1809	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324
Total	0.2149	4.2222	5.1304	8.7500e-003	0.3504	0.1809	0.5312	0.1905	0.1809	0.3713	0.0000	769.0146	769.0146	0.2487	0.0000	775.2324

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3000e-004	0.0160	3.4800e-003	4.0000e-005	1.1300e-003	7.0000e-005	1.2000e-003	3.0000e-004	7.0000e-005	3.7000e-004	0.0000	3.8274	3.8274	2.2000e-004	0.0000	3.8329
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0268	0.0243	0.2105	5.5000e-004	0.0589	3.9000e-004	0.0593	0.0157	3.6000e-004	0.0160	0.0000	49.2910	49.2910	1.6200e-003	0.0000	49.3315
Total	0.0272	0.0403	0.2140	5.9000e-004	0.0601	4.6000e-004	0.0605	0.0160	4.3000e-004	0.0164	0.0000	53.1184	53.1184	1.8400e-003	0.0000	53.1644

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3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3541	0.0000	0.3541	0.1899	0.0000	0.1899	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2647	2.9825	1.8608	3.9100e-003		0.1239	0.1239		0.1140	0.1140	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824
Total	0.2647	2.9825	1.8608	3.9100e-003	0.3541	0.1239	0.4779	0.1899	0.1140	0.3038	0.0000	343.8026	343.8026	0.1112	0.0000	346.5824

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

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3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1593	0.0000	0.1593	0.0854	0.0000	0.0854	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0961	1.8876	2.2936	3.9100e-003		0.0809	0.0809		0.0809	0.0809	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820
Total	0.0961	1.8876	2.2936	3.9100e-003	0.1593	0.0809	0.2402	0.0854	0.0809	0.1663	0.0000	343.8022	343.8022	0.1112	0.0000	346.5820

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-004	6.5400e-003	1.4800e-003	2.0000e-005	1.0200e-003	3.0000e-005	1.0400e-003	2.6000e-004	3.0000e-005	2.9000e-004	0.0000	1.6919	1.6919	1.0000e-004	0.0000	1.6943
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0112	9.7200e-003	0.0853	2.4000e-004	0.0263	1.7000e-004	0.0265	7.0000e-003	1.5000e-004	7.1500e-003	0.0000	21.2850	21.2850	6.4000e-004	0.0000	21.3011
Total	0.0113	0.0163	0.0868	2.6000e-004	0.0274	2.0000e-004	0.0276	7.2600e-003	1.8000e-004	7.4400e-003	0.0000	22.9768	22.9768	7.4000e-004	0.0000	22.9954

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3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6624	0.0000	0.6624	0.3516	0.0000	0.3516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5172	5.9349	3.5461	7.2100e-003		0.2495	0.2495		0.2295	0.2295	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275
Total	0.5172	5.9349	3.5461	7.2100e-003	0.6624	0.2495	0.9118	0.3516	0.2295	0.5811	0.0000	633.3069	633.3069	0.2048	0.0000	638.4275

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	1.5204	0.3303	3.7200e-003	0.2460	6.6300e-003	0.2526	0.0627	6.3400e-003	0.0691	0.0000	363.6201	363.6201	0.0206	0.0000	364.1351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0576	1.5354	0.4604	4.0600e-003	0.3454	6.8700e-003	0.3523	0.0879	6.5600e-003	0.0944	0.0000	394.0645	394.0645	0.0216	0.0000	394.6046

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3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2981	0.0000	0.2981	0.1582	0.0000	0.1582	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1770	3.4771	4.2250	7.2100e-003		0.1489	0.1489		0.1489	0.1489	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267
Total	0.1770	3.4771	4.2250	7.2100e-003	0.2981	0.1489	0.4470	0.1582	0.1489	0.3071	0.0000	633.3061	633.3061	0.2048	0.0000	638.4267

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0410	1.5204	0.3303	3.7200e-003	0.2460	6.6300e-003	0.2526	0.0627	6.3400e-003	0.0691	0.0000	363.6201	363.6201	0.0206	0.0000	364.1351
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0165	0.0150	0.1300	3.4000e-004	0.0994	2.4000e-004	0.0996	0.0251	2.2000e-004	0.0254	0.0000	30.4444	30.4444	1.0000e-003	0.0000	30.4695
Total	0.0576	1.5354	0.4604	4.0600e-003	0.3454	6.8700e-003	0.3523	0.0879	6.5600e-003	0.0944	0.0000	394.0645	394.0645	0.0216	0.0000	394.6046

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1836	0.0000	0.1836	0.0884	0.0000	0.0884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1184	1.3343	0.8325	1.7500e-003		0.0554	0.0554		0.0510	0.0510	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500
Total	0.1184	1.3343	0.8325	1.7500e-003	0.1836	0.0554	0.2390	0.0884	0.0510	0.1394	0.0000	153.8064	153.8064	0.0497	0.0000	155.0500

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3000e-003	0.3377	0.0764	8.9000e-004	0.2309	1.4100e-003	0.2323	0.0572	1.3500e-003	0.0586	0.0000	87.3167	87.3167	5.0700e-003	0.0000	87.4435
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0130	0.3410	0.1050	9.7000e-004	0.2550	1.4700e-003	0.2565	0.0633	1.4000e-003	0.0648	0.0000	94.4584	94.4584	5.2900e-003	0.0000	94.5906

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0826	0.0000	0.0826	0.0398	0.0000	0.0398	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0430	0.8444	1.0261	1.7500e-003		0.0362	0.0362		0.0362	0.0362	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498
Total	0.0430	0.8444	1.0261	1.7500e-003	0.0826	0.0362	0.1188	0.0398	0.0362	0.0760	0.0000	153.8062	153.8062	0.0497	0.0000	155.0498

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.3000e-003	0.3377	0.0764	8.9000e-004	0.2309	1.4100e-003	0.2323	0.0572	1.3500e-003	0.0586	0.0000	87.3167	87.3167	5.0700e-003	0.0000	87.4435
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7400e-003	3.2600e-003	0.0286	8.0000e-005	0.0241	6.0000e-005	0.0242	6.1000e-003	5.0000e-005	6.1600e-003	0.0000	7.1417	7.1417	2.2000e-004	0.0000	7.1471
Total	0.0130	0.3410	0.1050	9.7000e-004	0.2550	1.4700e-003	0.2565	0.0633	1.4000e-003	0.0648	0.0000	94.4584	94.4584	5.2900e-003	0.0000	94.5906

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6465	0.0000	0.6465	0.3468	0.0000	0.3468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5123	5.8784	3.5124	7.1400e-003		0.2471	0.2471		0.2274	0.2274	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472
Total	0.5123	5.8784	3.5124	7.1400e-003	0.6465	0.2471	0.8936	0.3468	0.2274	0.5742	0.0000	627.2754	627.2754	0.2029	0.0000	632.3472

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2909	0.0000	0.2909	0.1561	0.0000	0.1561	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1753	3.4440	4.1848	7.1400e-003		0.1475	0.1475		0.1475	0.1475	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465
Total	0.1753	3.4440	4.1848	7.1400e-003	0.2909	0.1475	0.4385	0.1561	0.1475	0.3036	0.0000	627.2746	627.2746	0.2029	0.0000	632.3465

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0252	0.9348	0.2031	2.2900e-003	0.0868	4.0700e-003	0.0909	0.0228	3.9000e-003	0.0267	0.0000	223.5793	223.5793	0.0127	0.0000	223.8959
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-003	8.2600e-003	0.0715	1.9000e-004	0.0374	1.3000e-004	0.0375	9.5800e-003	1.2000e-004	9.7000e-003	0.0000	16.7525	16.7525	5.5000e-004	0.0000	16.7663
Total	0.0343	0.9431	0.2747	2.4800e-003	0.1242	4.2000e-003	0.1284	0.0323	4.0200e-003	0.0364	0.0000	240.3318	240.3318	0.0132	0.0000	240.6622

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219
Total	0.0511	0.4839	0.5209	7.5000e-004		0.0302	0.0302		0.0278	0.0278	0.0000	65.4923	65.4923	0.0212	0.0000	66.0219

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0183	0.3889	0.5635	7.5000e-004		0.0238	0.0238		0.0238	0.0238	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218
Total	0.0183	0.3889	0.5635	7.5000e-004		0.0238	0.0238		0.0238	0.0238	0.0000	65.4923	65.4923	0.0212	0.0000	66.0218

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568
Total	6.5200e-003	5.6800e-003	0.0499	1.4000e-004	0.0287	1.0000e-004	0.0288	7.3700e-003	9.0000e-005	7.4600e-003	0.0000	12.4473	12.4473	3.8000e-004	0.0000	12.4568

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955
Total	0.0479	0.4537	0.4883	7.0000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	61.3991	61.3991	0.0199	0.0000	61.8955

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0171	0.3646	0.5283	7.0000e-004		0.0223	0.0223		0.0223	0.0223	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954
Total	0.0171	0.3646	0.5283	7.0000e-004		0.0223	0.0223		0.0223	0.0223	0.0000	61.3990	61.3990	0.0199	0.0000	61.8954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055
Total	2.9300e-003	2.5600e-003	0.0225	6.0000e-005	6.9300e-003	4.0000e-005	6.9800e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.6013	5.6013	1.7000e-004	0.0000	5.6055

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0453	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0618	0.4550	0.5089	8.1000e-004		0.0233	0.0233		0.0215	0.0215	0.0000	70.1912	70.1912	0.0221	0.0000	70.7446

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0189	0.3788	0.5840	8.1000e-004		0.0201	0.0201		0.0201	0.0201	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0354	0.3788	0.5840	8.1000e-004		0.0201	0.0201		0.0201	0.0201	0.0000	70.1911	70.1911	0.0221	0.0000	70.7445

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395
Total	9.1300e-003	7.9600e-003	0.0698	1.9000e-004	0.0216	1.4000e-004	0.0217	5.7300e-003	1.3000e-004	5.8600e-003	0.0000	17.4263	17.4263	5.3000e-004	0.0000	17.4395

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221
Total	0.1687	1.5024	1.4375	2.3700e-003		0.0821	0.0821		0.0776	0.0776	0.0000	202.2791	202.2791	0.0457	0.0000	203.4221

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0557	1.1852	1.4992	2.3700e-003		0.0756	0.0756		0.0756	0.0756	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219
Total	0.0557	1.1852	1.4992	2.3700e-003		0.0756	0.0756		0.0756	0.0756	0.0000	202.2788	202.2788	0.0457	0.0000	203.4219

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0416	1.3000	0.3809	2.7000e-003	0.1058	3.7100e-003	0.1095	0.0287	3.5500e-003	0.0322	0.0000	261.1604	261.1604	0.0154	0.0000	261.5454
Worker	0.0291	0.0254	0.2229	6.2000e-004	0.1284	4.4000e-004	0.1289	0.0329	4.0000e-004	0.0333	0.0000	55.6241	55.6241	1.6800e-003	0.0000	55.6662
Total	0.0708	1.3254	0.6038	3.3200e-003	0.2343	4.1500e-003	0.2384	0.0616	3.9500e-003	0.0655	0.0000	316.7845	316.7845	0.0171	0.0000	317.2116

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050
Total	0.1955	1.7304	1.8181	3.0400e-003		0.0892	0.0892		0.0844	0.0844	0.0000	258.9526	258.9526	0.0581	0.0000	260.4050

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

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3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0713	1.5167	1.9186	3.0400e-003		0.0967	0.0967		0.0967	0.0967	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047
Total	0.0713	1.5167	1.9186	3.0400e-003		0.0967	0.0967		0.0967	0.0967	0.0000	258.9523	258.9523	0.0581	0.0000	260.4047

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	1.5807	0.4500	3.4300e-003	0.1354	4.1800e-003	0.1396	0.0367	4.0000e-003	0.0407	0.0000	331.9356	331.9356	0.0195	0.0000	332.4223
Worker	0.0350	0.0292	0.2613	7.6000e-004	0.1644	5.4000e-004	0.1649	0.0421	5.0000e-004	0.0426	0.0000	68.6389	68.6389	1.9300e-003	0.0000	68.6871
Total	0.0843	1.6100	0.7113	4.1900e-003	0.2998	4.7200e-003	0.3045	0.0788	4.5000e-003	0.0833	0.0000	400.5745	400.5745	0.0214	0.0000	401.1094

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0486	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0651	0.4875	0.5452	8.7000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	75.2048	75.2048	0.0237	0.0000	75.7978

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0203	0.4059	0.6258	8.7000e-004		0.0215	0.0215		0.0215	0.0215	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977
Paving	0.0165					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0368	0.4059	0.6258	8.7000e-004		0.0215	0.0215		0.0215	0.0215	0.0000	75.2047	75.2047	0.0237	0.0000	75.7977

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083
Total	4.4000e-003	3.8400e-003	0.0337	9.0000e-005	0.0104	7.0000e-005	0.0105	2.7600e-003	6.0000e-005	2.8200e-003	0.0000	8.4020	8.4020	2.5000e-004	0.0000	8.4083

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6789	73.6789	0.0238	0.0000	74.2746
Total	0.0575	0.5444	0.5860	8.4000e-004		0.0339	0.0339		0.0312	0.0312	0.0000	73.6789	73.6789	0.0238	0.0000	74.2746

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166
Total	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0206	0.4375	0.6340	8.4000e-004		0.0268	0.0268		0.0268	0.0268	0.0000	73.6788	73.6788	0.0238	0.0000	74.2745
Total	0.0206	0.4375	0.6340	8.4000e-004		0.0268	0.0268		0.0268	0.0268	0.0000	73.6788	73.6788	0.0238	0.0000	74.2745

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166
Total	8.8000e-003	7.6700e-003	0.0673	1.9000e-004	0.0208	1.3000e-004	0.0209	5.5300e-003	1.2000e-004	5.6500e-003	0.0000	16.8039	16.8039	5.1000e-004	0.0000	16.8166

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3.12 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6700e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431
Paving	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0400e-003	0.0569	0.0636	1.0000e-004		2.9100e-003	2.9100e-003		2.6900e-003	2.6900e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350
Total	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350

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3.12 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3700e-003	0.0474	0.0730	1.0000e-004		2.5100e-003	2.5100e-003		2.5100e-003	2.5100e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431
Paving	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.7400e-003	0.0474	0.0730	1.0000e-004		2.5100e-003	2.5100e-003		2.5100e-003	2.5100e-003	0.0000	8.7739	8.7739	2.7700e-003	0.0000	8.8431

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350
Total	8.6000e-004	7.5000e-004	6.5500e-003	2.0000e-005	2.0200e-003	1.0000e-005	2.0300e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.6337	1.6337	5.0000e-005	0.0000	1.6350

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3.12 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0550	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5354	96.5354	0.0305	0.0000	97.2966
Paving	0.0151					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0701	0.5375	0.6961	1.1100e-003		0.0268	0.0268		0.0248	0.0248	0.0000	96.5354	96.5354	0.0305	0.0000	97.2966

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407
Total	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.12 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0261	0.5209	0.8031	1.1100e-003		0.0276	0.0276		0.0276	0.0276	0.0000	96.5353	96.5353	0.0305	0.0000	97.2965
Paving	0.0151					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0412	0.5209	0.8031	1.1100e-003		0.0276	0.0276		0.0276	0.0276	0.0000	96.5353	96.5353	0.0305	0.0000	97.2965

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407
Total	8.8400e-003	7.3800e-003	0.0660	1.9000e-004	0.0222	1.4000e-004	0.0224	5.9100e-003	1.3000e-004	6.0400e-003	0.0000	17.3285	17.3285	4.9000e-004	0.0000	17.3407

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2440	2.1885	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3973	328.3973	0.0743	0.0000	330.2537
Total	0.2440	2.1885	2.2946	3.8400e-003		0.1132	0.1132		0.1070	0.1070	0.0000	328.3973	328.3973	0.0743	0.0000	330.2537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0755	2.4228	0.6897	5.2600e-003	0.1217	6.4000e-003	0.1281	0.0352	6.1200e-003	0.0413	0.0000	508.7534	508.7534	0.0298	0.0000	509.4992
Worker	0.0271	0.0226	0.2022	5.9000e-004	0.0682	4.2000e-004	0.0686	0.0181	3.9000e-004	0.0185	0.0000	53.1107	53.1107	1.4900e-003	0.0000	53.1481
Total	0.1026	2.4454	0.8919	5.8500e-003	0.1899	6.8200e-003	0.1967	0.0533	6.5100e-003	0.0598	0.0000	561.8641	561.8641	0.0313	0.0000	562.6473

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0889	1.9061	2.4301	3.8400e-003		0.1217	0.1217		0.1217	0.1217	0.0000	328.3969	328.3969	0.0743	0.0000	330.2533
Total	0.0889	1.9061	2.4301	3.8400e-003		0.1217	0.1217		0.1217	0.1217	0.0000	328.3969	328.3969	0.0743	0.0000	330.2533

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0755	2.4228	0.6897	5.2600e-003	0.1217	6.4000e-003	0.1281	0.0352	6.1200e-003	0.0413	0.0000	508.7534	508.7534	0.0298	0.0000	509.4992
Worker	0.0271	0.0226	0.2022	5.9000e-004	0.0682	4.2000e-004	0.0686	0.0181	3.9000e-004	0.0185	0.0000	53.1107	53.1107	1.4900e-003	0.0000	53.1481
Total	0.1026	2.4454	0.8919	5.8500e-003	0.1899	6.8200e-003	0.1967	0.0533	6.5100e-003	0.0598	0.0000	561.8641	561.8641	0.0313	0.0000	562.6473

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1719	178.1719	0.0400	0.0000	179.1716
Total	0.1228	1.0958	1.2364	2.0900e-003		0.0534	0.0534		0.0505	0.0505	0.0000	178.1719	178.1719	0.0400	0.0000	179.1716

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0313	1.0835	0.3286	2.8000e-003	0.0660	1.6100e-003	0.0676	0.0191	1.5400e-003	0.0206	0.0000	271.3985	271.3985	0.0144	0.0000	271.7583
Worker	0.0138	0.0110	0.1001	3.1000e-004	0.0370	2.2000e-004	0.0372	9.8200e-003	2.1000e-004	0.0100	0.0000	27.7255	27.7255	7.2000e-004	0.0000	27.7435
Total	0.0451	1.0945	0.4288	3.1100e-003	0.1030	1.8300e-003	0.1048	0.0289	1.7500e-003	0.0307	0.0000	299.1240	299.1240	0.0151	0.0000	299.5019

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.13 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0482	1.0338	1.3180	2.0900e-003		0.0660	0.0660		0.0660	0.0660	0.0000	178.1717	178.1717	0.0400	0.0000	179.1714
Total	0.0482	1.0338	1.3180	2.0900e-003		0.0660	0.0660		0.0660	0.0660	0.0000	178.1717	178.1717	0.0400	0.0000	179.1714

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0313	1.0835	0.3286	2.8000e-003	0.0660	1.6100e-003	0.0676	0.0191	1.5400e-003	0.0206	0.0000	271.3985	271.3985	0.0144	0.0000	271.7583
Worker	0.0138	0.0110	0.1001	3.1000e-004	0.0370	2.2000e-004	0.0372	9.8200e-003	2.1000e-004	0.0100	0.0000	27.7255	27.7255	7.2000e-004	0.0000	27.7435
Total	0.0451	1.0945	0.4288	3.1100e-003	0.1030	1.8300e-003	0.1048	0.0289	1.7500e-003	0.0307	0.0000	299.1240	299.1240	0.0151	0.0000	299.5019

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.14 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	1.3026	0.0620	0.0798	1.3000e-004		3.6000e-003	3.6000e-003		3.6000e-003	3.6000e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.14 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2936					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6100e-003	0.0597	0.0806	1.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526
Total	1.2962	0.0597	0.0806	1.3000e-004		4.1800e-003	4.1800e-003		4.1800e-003	4.1800e-003	0.0000	11.2343	11.2343	7.3000e-004	0.0000	11.2526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575
Total	4.2100e-003	3.5100e-003	0.0314	9.0000e-005	0.0106	7.0000e-005	0.0107	2.8100e-003	6.0000e-005	2.8700e-003	0.0000	8.2517	8.2517	2.3000e-004	0.0000	8.2575

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.15 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854
Total	0.0946	0.0652	0.0906	1.5000e-004		3.5400e-003	3.5400e-003		3.5400e-003	3.5400e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124
Total	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.15 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9700e-003	0.0679	0.0916	1.5000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854
Total	0.0879	0.0679	0.0916	1.5000e-004		4.7500e-003	4.7500e-003		4.7500e-003	4.7500e-003	0.0000	12.7663	12.7663	7.6000e-004	0.0000	12.7854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124
Total	1.8000e-003	1.4400e-003	0.0130	4.0000e-005	4.8100e-003	3.0000e-005	4.8400e-003	1.2800e-003	3.0000e-005	1.3100e-003	0.0000	3.6101	3.6101	9.0000e-005	0.0000	3.6124

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3.16 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355
Total	0.1477	1.2893	1.4657	2.4600e-003		0.0627	0.0627		0.0595	0.0595	0.0000	209.2047	209.2047	0.0452	0.0000	210.3355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

3.16 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0576	1.2233	1.5469	2.4600e-003		0.0784	0.0784		0.0784	0.0784	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353
Total	0.0576	1.2233	1.5469	2.4600e-003		0.0784	0.0784		0.0784	0.0784	0.0000	209.2045	209.2045	0.0452	0.0000	210.3353

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0323	1.1182	0.3392	2.8900e-003	0.2123	1.6600e-003	0.2140	0.0551	1.5900e-003	0.0567	0.0000	280.0946	280.0946	0.0149	0.0000	280.4659
Worker	0.0169	0.0135	0.1228	3.8000e-004	0.1631	2.7000e-004	0.1634	0.0410	2.5000e-004	0.0412	0.0000	34.0070	34.0070	8.9000e-004	0.0000	34.0292
Total	0.0492	1.1317	0.4620	3.2700e-003	0.3755	1.9300e-003	0.3774	0.0961	1.8400e-003	0.0979	0.0000	314.1016	314.1016	0.0157	0.0000	314.4951

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3.16 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736
Total	0.2080	1.8094	2.1848	3.6800e-003		0.0826	0.0826		0.0783	0.0783	0.0000	313.1929	313.1929	0.0672	0.0000	314.8736

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.16 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	1.8310	2.3155	3.6800e-003		0.1173	0.1173		0.1173	0.1173	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732
Total	0.0862	1.8310	2.3155	3.6800e-003		0.1173	0.1173		0.1173	0.1173	0.0000	313.1926	313.1926	0.0672	0.0000	314.8732

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0458	1.6360	0.4772	4.3000e-003	0.3179	2.2900e-003	0.3201	0.0825	2.1900e-003	0.0847	0.0000	416.9512	416.9512	0.0224	0.0000	417.5099
Worker	0.0239	0.0183	0.1695	5.4000e-004	0.2442	4.0000e-004	0.2446	0.0613	3.7000e-004	0.0617	0.0000	48.9233	48.9233	1.1900e-003	0.0000	48.9531
Total	0.0697	1.6542	0.6467	4.8400e-003	0.5620	2.6900e-003	0.5647	0.1438	2.5600e-003	0.1463	0.0000	465.8745	465.8745	0.0235	0.0000	466.4629

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3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5800e-003	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	0.7498	0.0646	0.0959	1.6000e-004		3.2300e-003	3.2300e-003		3.2300e-003	3.2300e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

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3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1500e-003	0.0719	0.0971	1.6000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513
Total	0.7434	0.0719	0.0971	1.6000e-004		5.0400e-003	5.0400e-003		5.0400e-003	5.0400e-003	0.0000	13.5322	13.5322	7.6000e-004	0.0000	13.5513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802
Total	1.8000e-003	1.3700e-003	0.0127	4.0000e-005	5.1000e-003	3.0000e-005	5.1300e-003	1.3600e-003	3.0000e-005	1.3800e-003	0.0000	3.6779	3.6779	9.0000e-005	0.0000	3.6802

4.0 Operational Detail - Mobile

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039
Unmitigated	1.0486	3.9931	11.0565	0.0341	3.3236	0.0310	3.3547	0.8894	0.0290	0.9184	0.0000	3,125.7757	3,125.7757	0.1171	0.0000	3,128.7039

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

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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	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,538.8466	1,538.8466	0.0696	0.0144	1,544.8763
NaturalGas Mitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009
NaturalGas Unmitigated	0.0693	0.6118	0.3941	3.7800e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.7746e+006	9.5700e-003	0.0818	0.0348	5.2000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	94.6994	94.6994	1.8200e-003	1.7400e-003	95.2622
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.7746e+006	9.5700e-003	0.0818	0.0348	5.2000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	94.6994	94.6994	1.8200e-003	1.7400e-003	95.2622
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	768911	4.1500e-003	0.0354	0.0151	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	41.0320	41.0320	7.9000e-004	7.5000e-004	41.2759
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Health Club	290180	1.5600e-003	0.0142	0.0120	9.0000e-005		1.0800e-003	1.0800e-003		1.0800e-003	1.0800e-003	0.0000	15.4851	15.4851	3.0000e-004	2.8000e-004	15.5771
Hotel	3.1017e+006	0.0167	0.1520	0.1277	9.1000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	165.5185	165.5185	3.1700e-003	3.0300e-003	166.5021
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.1182e+006	0.0168	0.1529	0.1284	9.2000e-004		0.0116	0.0116		0.0116	0.0116	0.0000	166.3990	166.3990	3.1900e-003	3.0500e-003	167.3879
Regional Shopping Center	71100	3.8000e-004	3.4900e-003	2.9300e-003	2.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	3.7942	3.7942	7.0000e-005	7.0000e-005	3.8167
Retirement Community	3.73278e+006	0.0201	0.1720	0.0732	1.1000e-003		0.0139	0.0139		0.0139	0.0139	0.0000	199.1953	199.1953	3.8200e-003	3.6500e-003	200.3790
Total		0.0693	0.6118	0.3941	3.7900e-003		0.0479	0.0479		0.0479	0.0479	0.0000	686.1236	686.1236	0.0132	0.0126	690.2009

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	756691	220.1302	9.9500e-003	2.0600e-003	220.9927
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	756691	220.1302	9.9500e-003	2.0600e-003	220.9927
City Park	0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	367423	106.8876	4.8300e-003	1.0000e-003	107.3064
Enclosed Parking Structure	1.03648e+006	301.5228	0.0136	2.8200e-003	302.7042
Health Club	90860	26.4322	1.2000e-003	2.5000e-004	26.5358
Hotel	533400	155.1722	7.0200e-003	1.4500e-003	155.7802
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	31920	9.2859	4.2000e-004	9.0000e-005	9.3223
Quality Restaurant	490800	142.7794	6.4600e-003	1.3400e-003	143.3388
Regional Shopping Center	320700	93.2953	4.2200e-003	8.7000e-004	93.6609
Retirement Community	1.66147e+006	483.3412	0.0219	4.5200e-003	485.2350
Total		1,538.8466	0.0696	0.0144	1,544.8763

6.0 Area Detail

6.1 Mitigation Measures Area

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Unmitigated	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.9971					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2587	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525
Total	4.4010	0.0988	8.5735	4.5000e-004		0.0475	0.0475		0.0475	0.0475	0.0000	14.0152	14.0152	0.0135	0.0000	14.3525

7.0 Water Detail

7.1 Mitigation Measures Water

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.0903	1.4328	0.0345	142.1942
Unmitigated	96.0903	1.4328	0.0345	142.1942

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	14.2723 / 1.01666	28.0294	0.4661	0.0112	43.0204
City Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	1.54779 / 1.01991	3.9659	0.0506	1.2200e-003	5.5953
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Health Club	0.772267 / 0.32911	1.7957	0.0252	6.1000e-004	2.6080
Hotel	11.7632 / 5.05069	27.3912	0.3844	9.2700e-003	39.7637
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.40804 / 1.03295	5.6062	0.0787	1.9000e-003	8.1390
Regional Shopping Center	0.423606 / 0.162926	0.9671	0.0138	3.3000e-004	1.4126
Retirement Community	12.6691 / 4.29459	28.3347	0.4139	9.9800e-003	41.6553
Total		96.0903	1.4328	0.0345	142.1942

8.0 Waste Detail

8.1 Mitigation Measures Waste

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	102.1917	6.0394	0.0000	253.1757
Unmitigated	102.1917	6.0394	0.0000	253.1757

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	80.04	16.2474	0.9602	0.0000	40.2522
City Park	0.23	0.0467	2.7600e-003	0.0000	0.1157
Congregate Care (Assisted Living)	81.21	16.4849	0.9742	0.0000	40.8406
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Health Club	62.7	12.7275	0.7522	0.0000	31.5319
Hotel	65.7	13.3365	0.7882	0.0000	33.0406
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	13.69	2.7790	0.1642	0.0000	6.8847
Regional Shopping Center	31.5	6.3942	0.3779	0.0000	15.8414
Retirement Community	168.36	34.1756	2.0197	0.0000	84.6685
Total		102.1918	6.0394	0.0000	253.1757

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Annual

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

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

11.0 Vegetation

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Froom Ranch - Alternative 1 Mitigated Run
San Luis Obispo County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase. 50g/L VOC applied for mitigation of ROG + NOx emissions, per applicable mitigation requirements

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Alternative 1 requirement for use of Tier 3 engines per mitigation requirements

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	38,330.00
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tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	63,000.00	33,300.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	115,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	189,000.00	100,000.00
tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
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From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstructionPhase	NumDaysWeek	5.00	6.00

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
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tblLandUse	LotAcreage	4.00	2.17
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tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

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tblLandUse	Population	255.00	93.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
tblTripsAndVMT	WorkerTripNumber	23.00	48.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblTripsAndVMT	WorkerTripNumber	15.00	50.00
tblTripsAndVMT	WorkerTripNumber	15.00	24.00
tblTripsAndVMT	WorkerTripNumber	23.00	80.00
tblTripsAndVMT	WorkerTripNumber	859.00	100.00
tblTripsAndVMT	WorkerTripNumber	23.00	36.00
tblVehicleTrips	ST_TR	7.16	6.39
tblVehicleTrips	ST_TR	2.20	2.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.8520	193.0826	109.9964	0.2736	23.6441	7.2368	30.8809	11.2995	6.6616	17.9611	0.0000	27,165.40 22	27,165.40 22	6.8295	0.0000	27,336.14 04
2021	9.9864	118.0302	70.9385	0.1803	23.1292	4.4065	27.5357	9.3465	4.0560	13.4025	0.0000	17,878.45 72	17,878.45 72	4.5412	0.0000	17,991.98 64
2022	62.3107	75.4901	54.1025	0.1628	5.0135	2.0406	7.0541	1.3445	1.9310	3.2755	0.0000	16,431.82 24	16,431.82 24	1.9288	0.0000	16,480.04 10
2023	6.3441	34.1276	28.5147	0.0819	5.1188	0.9662	6.0849	1.3099	0.9236	2.2334	0.0000	8,303.400 0	8,303.400 0	0.9421	0.0000	8,326.951 4
2024	28.3619	29.4031	23.9041	0.0732	4.9212	0.7253	5.6466	1.2575	0.6878	1.9453	0.0000	7,380.334 3	7,380.334 3	0.8457	0.0000	7,401.476 0
Maximum	62.3107	193.0826	109.9964	0.2736	23.6441	7.2368	30.8809	11.2995	6.6616	17.9611	0.0000	27,165.40 22	27,165.40 22	6.8295	0.0000	27,336.14 04

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.6754	21,192.6754	0.7672		21,211.8544
Total	31.3478	27.0499	119.6488	0.2332	20.2898	0.7351	21.0249	5.4177	0.7229	6.1406	0.0000	25,430.5349	25,430.5349	0.9367	0.0760	25,476.5949

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
12	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
13	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
14	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
15	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.7278	0.0000	5.7278	3.0125	0.0000	3.0125			0.0000			0.0000
Off-Road	0.9762	19.9364	26.2655	0.0398		1.0300	1.0300		1.0300	1.0300	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	0.9762	19.9364	26.2655	0.0398	5.7278	1.0300	6.7578	3.0125	1.0300	4.0425	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280
Total	0.0855	0.0714	0.7099	1.8600e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		184.7775	184.7775	6.0200e-003		184.9280

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.3500e-003	0.1231	0.0265	3.1000e-004	9.1200e-003	5.4000e-004	9.6600e-003	2.4300e-003	5.2000e-004	2.9500e-003		33.2958	33.2958	1.8500e-003		33.3420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2053	0.1713	1.7038	4.4500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		443.4659	443.4659	0.0145		443.8273
Total	0.2087	0.2944	1.7304	4.7600e-003	0.4837	3.5700e-003	0.4872	0.1283	3.3200e-003	0.1316		476.7617	476.7617	0.0163		477.1692

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.1200e-003	0.1127	0.0253	3.0000e-004	0.0184	4.8000e-004	0.0188	4.7000e-003	4.5000e-004	5.1500e-003		32.9265	32.9265	1.8700e-003		32.9734
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1912	0.1532	1.5473	4.3000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		428.3531	428.3531	0.0129		428.6747
Total	0.1943	0.2659	1.5725	4.6000e-003	0.4929	3.4200e-003	0.4963	0.1306	3.1600e-003	0.1337		461.2796	461.2796	0.0147		461.6480

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3863	14.2026	3.0603	0.0356	2.4096	0.0625	2.4721	0.6138	0.0598	0.6736		3,841.0527	3,841.0527	0.2132		3,846.3819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.5403	14.3310	4.3381	0.0390	3.3842	0.0648	3.4490	0.8601	0.0619	0.9220		4,173.6521	4,173.6521	0.2240		4,179.2523

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8135	0.0000	2.8135	1.5034	0.0000	1.5034			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8135	1.4184	4.2319	1.5034	1.4184	2.9218	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3863	14.2026	3.0603	0.0356	2.4096	0.0625	2.4721	0.6138	0.0598	0.6736		3,841.0527	3,841.0527	0.2132		3,846.3819
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1540	0.1284	1.2779	3.3400e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		332.5994	332.5994	0.0108		332.8705
Total	0.5403	14.3310	4.3381	0.0390	3.3842	0.0648	3.4490	0.8601	0.0619	0.9220		4,173.6521	4,173.6521	0.2240		4,179.2523

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3604	13.0006	2.9142	0.0352	9.3288	0.0548	9.3836	2.3122	0.0524	2.3646		3,798.4577	3,798.4577	0.2161		3,803.8606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.5038	13.1155	4.0747	0.0384	10.3034	0.0570	10.3604	2.5585	0.0545	2.6129		4,119.7225	4,119.7225	0.2258		4,125.3666

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8135	0.0000	2.8135	1.5034	0.0000	1.5034			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.8135	1.4184	4.2319	1.5034	1.4184	2.9218	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3604	13.0006	2.9142	0.0352	9.3288	0.0548	9.3836	2.3122	0.0524	2.3646		3,798.4577	3,798.4577	0.2161		3,803.8606
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		321.2648	321.2648	9.6500e-003		321.5060
Total	0.5038	13.1155	4.0747	0.0384	10.3034	0.0570	10.3604	2.5585	0.0545	2.6129		4,119.7225	4,119.7225	0.2258		4,125.3666

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7975	0.0000	2.7975	1.5007	0.0000	1.5007			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7975	1.4184	4.2159	1.5007	1.4184	2.9191	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2398	8.8167	1.8998	0.0221	0.8571	0.0388	0.8960	0.2243	0.0371	0.2614		2,384.4592	2,384.4592	0.1323		2,387.7675
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0855	0.0714	0.7099	1.8600e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		184.7775	184.7775	6.0200e-003		184.9280
Total	0.3253	8.8881	2.6097	0.0240	1.2267	0.0401	1.2668	0.3189	0.0383	0.3572		2,569.2367	2,569.2367	0.1384		2,572.6955

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361
Total	0.1992	0.1596	1.6117	4.4800e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		446.2011	446.2011	0.0134		446.5361

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373
Total	0.0956	0.0766	0.7736	2.1500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		214.1765	214.1765	6.4300e-003		214.3373

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2651	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578
Total	0.3187	0.2553	2.5788	7.1700e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		713.9218	713.9218	0.0214		714.4578

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5661	18.0536	4.9816	0.0383	1.5181	0.0507	1.5687	0.4104	0.0484	0.4588		4,078.9277	4,078.9277	0.2298		4,084.6733
Worker	0.3984	0.3191	3.2235	8.9600e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		892.4023	892.4023	0.0268		893.0722
Total	0.9644	18.3727	8.2050	0.0472	3.3661	0.0568	3.4228	0.8835	0.0541	0.9376		4,971.3299	4,971.3299	0.2566		4,977.7456

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5234	17.1685	4.5942	0.0380	1.5183	0.0445	1.5627	0.4104	0.0425	0.4530		4,051.9585	4,051.9585	0.2270		4,057.6327
Worker	0.3737	0.2870	2.9580	8.6400e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		860.4935	860.4935	0.0240		861.0946
Total	0.8971	17.4555	7.5522	0.0466	3.3662	0.0504	3.4167	0.8836	0.0480	0.9316		4,912.4520	4,912.4520	0.2510		4,918.7272

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2258	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060
Total	0.1434	0.1149	1.1605	3.2300e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		321.2648	321.2648	9.6500e-003		321.5060

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.12 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.12 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433
Total	0.2390	0.1915	1.9341	5.3800e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		535.4414	535.4414	0.0161		535.8433

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.12 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.12 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6221	20.4044	5.4602	0.0451	1.0541	0.0529	1.1070	0.3036	0.0506	0.3542		4,815.678 5	4,815.678 5	0.2697		4,822.422 1
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.8463	20.5766	7.2349	0.0503	1.6473	0.0564	1.7037	0.4609	0.0539	0.5148		5,331.974 5	5,331.974 5	0.2842		5,339.078 8

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6221	20.4044	5.4602	0.0451	1.0541	0.0529	1.1070	0.3036	0.0506	0.3542		4,815.678 5	4,815.678 5	0.2697		4,822.422 1
Worker	0.2242	0.1722	1.7748	5.1800e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		516.2961	516.2961	0.0144		516.6567
Total	0.8463	20.5766	7.2349	0.0503	1.6473	0.0564	1.7037	0.4609	0.0539	0.5148		5,331.974 5	5,331.974 5	0.2842		5,339.078 8

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.13 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4746	16.8509	4.8196	0.0444	1.0543	0.0246	1.0789	0.3037	0.0235	0.3272		4,737.7091	4,737.7091	0.2405		4,743.7209
Worker	0.2104	0.1548	1.6240	4.9900e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		496.9262	496.9262	0.0129		497.2487
Total	0.6851	17.0056	6.4436	0.0493	1.6475	0.0281	1.6756	0.4610	0.0267	0.4877		5,234.6353	5,234.6353	0.2534		5,240.9696

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.14 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	59.2102	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.14 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123
Total	58.9199	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473
Total	0.1868	0.1435	1.4790	4.3200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		430.2467	430.2467	0.0120		430.5473

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.15 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	3.7823	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
Total	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.15 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0337		563.7380
Total	3.5178	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0337		563.7380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496
Total	0.0702	0.0516	0.5413	1.6600e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		165.6421	165.6421	4.3000e-003		165.7496

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.16 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.16 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3993	14.1785	4.0553	0.0373	2.7810	0.0207	2.8017	0.7204	0.0198	0.7402		3,986.3543	3,986.3543	0.2023		3,991.4127
Worker	0.2104	0.1548	1.6240	4.9900e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		496.9262	496.9262	0.0129		497.2487
Total	0.6098	14.3333	5.6793	0.0423	4.9211	0.0242	4.9452	1.2574	0.0230	1.2804		4,483.2805	4,483.2805	0.2152		4,488.6614

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.16 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.16 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3786	13.8645	3.8112	0.0371	2.7812	0.0191	2.8003	0.7205	0.0183	0.7387		3,964.5542	3,964.5542	0.2034		3,969.6390
Worker	0.1982	0.1397	1.4992	4.7900e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		477.6005	477.6005	0.0116		477.8903
Total	0.5768	14.0042	5.3104	0.0419	4.9212	0.0225	4.9437	1.2575	0.0214	1.2789		4,442.1547	4,442.1547	0.2150		4,447.5293

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	28.2958	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	28.0531	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968
Total	0.0661	0.0466	0.4997	1.6000e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		159.2002	159.2002	3.8600e-003		159.2968

4.0 Operational Detail - Mobile

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44
Unmitigated	6.7023	23.0991	65.5290	0.2097	20.2898	0.1848	20.4746	5.4177	0.1726	5.5903		21,192.67 54	21,192.67 54	0.7672		21,211.85 44

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4861.92	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4.86192	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

6.1 Mitigation Measures Area

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Froom Ranch - Alternative 1 Mitigated Run
San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking Structure	457.00	Space	4.11	182,800.00	0
Other Asphalt Surfaces	10.53	Acre	10.53	458,686.80	0
Parking Lot	228.00	Space	2.05	91,200.00	0
City Park	2.65	Acre	2.65	115,434.00	0
Health Club	11.00	1000sqft	0.25	11,000.00	0
Hotel	120.00	Room	2.17	70,000.00	0
Quality Restaurant	15.00	1000sqft	0.35	15,000.00	0
Apartments Low Rise	174.00	Dwelling Unit	7.40	174,000.00	406
Congregate Care (Assisted Living)	89.00	Dwelling Unit	4.30	89,000.00	93
Retirement Community	366.00	Dwelling Unit	18.60	366,000.00	732
Regional Shopping Center	30.00	1000sqft	0.93	30,000.00	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 & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Project Characteristics -

Land Use - Alternative 1 Project Details from Section 5.0

Construction Phase - Project construction details from EIR Section 2, Project Description

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment detail from FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Off-road Equipment - Equipment details from the FRSP Implementation Timeline

Trips and VMT - Details from FRSP Implementation Timeline. Haul truck trips based on anticipated import and assumed use of 16 cy haul trucks. Phase II-Grading total # trips hauling increased for Alternative 1 due to increase in 30,000 CY of import

Grading - Estimated Grading area by phase. 2,300 cy of imported rock in Phase I for Froom Creek bank stabilization. Phase III total acres graded reduced by ~8 acres compared to Project due to removal of Upper Villaggio

Architectural Coating - Interior and exterior area based on squarefootage of use by phase. 50g/L VOC applied for mitigation of ROG + NOx emissions, per applicable mitigation requirements

Vehicle Trips - Villaggio interior nonresidential trip rates zeroed, since trips are being reflected in overall retirement community amount

Vehicle Emission Factors -

Vehicle Emission Factors -

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Vehicle Emission Factors -

Water And Wastewater - Use-specific water demand based on Applicant-prepared WSA

Energy Mitigation -

Fleet Mix -

Construction Off-road Equipment Mitigation - Alternative 1 requirement for use of Tier 3 engines per mitigation requirements

Table Name	Column Name	Default Value	New Value
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tblArchitecturalCoating	ConstArea_Parking	43,961.00	182,800.00
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Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
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From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

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tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
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tblConstructionPhase	NumDays	110.00	369.00
tblConstructionPhase	NumDays	110.00	261.00
tblConstructionPhase	NumDays	110.00	208.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	75.00	56.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblGrading	AcresOfGrading	783.00	24.00
tblGrading	AcresOfGrading	624.00	22.00
tblGrading	AcresOfGrading	0.00	20.00
tblGrading	MaterialImported	0.00	2,300.00
tblGrading	MaterialImported	0.00	188,000.00
tblGrading	MaterialImported	0.00	93,000.00
tblLandUse	LandUseSquareFeet	174,240.00	70,000.00
tblLandUse	LotAcreage	4.00	2.17
tblLandUse	LotAcreage	0.34	0.35
tblLandUse	LotAcreage	10.88	7.40
tblLandUse	LotAcreage	5.56	4.30
tblLandUse	LotAcreage	73.20	18.60
tblLandUse	LotAcreage	0.69	0.93

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

tblLandUse	Population	498.00	406.00
tblLandUse	Population	255.00	93.00
tblLandUse	Population	1,047.00	732.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblTripsAndVMT	HaulingTripNumber	288.00	144.00
tblTripsAndVMT	HaulingTripNumber	19,750.00	11,750.00
tblTripsAndVMT	HaulingTripNumber	11,625.00	5,813.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	VendorTripNumber	227.00	191.00
tblTripsAndVMT	WorkerTripNumber	15.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	50.00
tblTripsAndVMT	WorkerTripNumber	23.00	60.00
tblTripsAndVMT	WorkerTripNumber	859.00	60.00

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

tblTripsAndVMT	WorkerTripNumber	859.00	60.00
tblTripsAndVMT	WorkerTripNumber	172.00	20.00
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tblVehicleTrips	ST_TR	7.16	6.39
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tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	SU_TR	6.07	5.86
tblVehicleTrips	SU_TR	2.44	1.95
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	2.74	2.40
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWater	IndoorWaterUseRate	11,336,800.46	14,272,273.80
tblWater	IndoorWaterUseRate	5,798,708.28	1,547,792.30
tblWater	IndoorWaterUseRate	650,574.58	772,266.90
tblWater	IndoorWaterUseRate	3,044,012.40	11,763,221.10

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

tblWater	IndoorWaterUseRate	4,553,005.69	2,408,038.90
tblWater	IndoorWaterUseRate	2,222,175.64	423,606.30
tblWater	IndoorWaterUseRate	23,846,373.38	12,669,086.90
tblWater	OutdoorWaterUseRate	7,147,113.33	1,016,655.10
tblWater	OutdoorWaterUseRate	3,157,425.58	0.00
tblWater	OutdoorWaterUseRate	3,655,707.39	1,019,913.60
tblWater	OutdoorWaterUseRate	398,739.26	329,109.50
tblWater	OutdoorWaterUseRate	338,223.60	5,050,690.50
tblWater	OutdoorWaterUseRate	290,617.38	1,032,947.70
tblWater	OutdoorWaterUseRate	1,361,978.62	162,925.50
tblWater	OutdoorWaterUseRate	15,033,583.22	4,294,585.80

2.0 Emissions Summary

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	15.9316	193.2943	110.2068	0.2723	23.6441	7.2391	30.8831	11.2995	6.6638	17.9633	0.0000	27,028.48 20	27,028.48 20	6.8396	0.0000	27,199.47 22
2021	10.0439	118.1447	71.0381	0.1794	23.1292	4.4078	27.5370	9.3465	4.0573	13.4037	0.0000	17,785.86 38	17,785.86 38	4.5473	0.0000	17,899.54 59
2022	62.4110	75.2784	55.3076	0.1596	5.0135	2.0467	7.0602	1.3445	1.9369	3.2814	0.0000	16,091.06 84	16,091.06 84	1.9628	0.0000	16,140.13 91
2023	6.4125	34.0188	28.9325	0.0803	5.1188	0.9672	6.0860	1.3099	0.9246	2.2344	0.0000	8,129.739 8	8,129.739 8	0.9574	0.0000	8,153.674 2
2024	28.3719	29.3111	24.3169	0.0718	4.9212	0.7263	5.6475	1.2575	0.6887	1.9462	0.0000	7,231.998 2	7,231.998 2	0.8586	0.0000	7,253.463 1
Maximum	62.4110	193.2943	110.2068	0.2723	23.6441	7.2391	30.8831	11.2995	6.6638	17.9633	0.0000	27,028.48 20	27,028.48 20	6.8396	0.0000	27,199.47 22

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

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	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Energy	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
Mobile	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.7947	20,342.7947	0.7817		20,362.3366
Total	31.0737	27.8057	121.5442	0.2248	20.2898	0.7360	21.0259	5.4177	0.7239	6.1415	0.0000	24,580.6543	24,580.6543	0.9513	0.0760	24,627.0771

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase I - Site Preparation	Site Preparation	2/3/2020	3/9/2020	6	31	
2	Phase I - Grading and Creek Realignment	Grading	3/10/2020	5/13/2021	6	369	
3	Phase II - Grading	Grading	5/1/2020	3/1/2021	6	261	
4	Phase III - Grading	Grading	5/1/2020	12/29/2020	6	208	
5	Phase II - Trenching	Trenching	3/2/2021	5/14/2021	6	64	
6	Phase I - Trenching	Trenching	5/14/2021	7/22/2021	6	60	
7	Phase II - Paving	Paving	5/14/2021	7/17/2021	6	56	
8	Phase II - Building Construction	Building Construction	7/18/2021	8/2/2022	6	326	
9	Phase I - Paving	Paving	7/23/2021	9/30/2021	6	60	
10	Phase III - Trenching	Trenching	10/1/2021	12/23/2021	6	72	
11	Phase III - Paving	Paving	12/24/2021	3/31/2022	6	84	
12	Phase III - Building Construction	Building Construction	4/1/2022	5/30/2023	6	364	
13	Phase II - Architectural Coating	Architectural Coating	8/3/2022	9/22/2022	6	44	
14	Phase III - Architectural Coating	Architectural Coating	6/1/2023	7/28/2023	6	50	
15	Phase IV - Building Construction	Building Construction	7/1/2023	9/30/2024	6	392	
16	Phase IV - Architectural Coating	Architectural Coating	10/1/2024	12/1/2024	6	53	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Acres of Paving: 16.69

Residential Indoor: 311,000; Residential Outdoor: 103,666; Non-Residential Indoor: 115,000; Non-Residential Outdoor: 38,330; Striped Parking Area: 182,800 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase I - Site Preparation	Excavators	2	8.00	158	0.38
Phase I - Site Preparation	Rubber Tired Dozers	2	8.00	247	0.40
Phase I - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Phase I - Grading and Creek Realignment	Excavators	2	8.00	158	0.38
Phase I - Grading and Creek Realignment	Graders	2	8.00	187	0.41
Phase I - Grading and Creek Realignment	Rubber Tired Dozers	1	8.00	247	0.40
Phase I - Grading and Creek Realignment	Scrapers	2	8.00	367	0.48
Phase I - Grading and Creek Realignment	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Grading	Excavators	2	8.00	158	0.38
Phase II - Grading	Graders	2	8.00	187	0.41
Phase II - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase II - Grading	Scrapers	2	8.00	367	0.48
Phase II - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Grading	Excavators	2	8.00	158	0.38
Phase III - Grading	Graders	2	8.00	187	0.41
Phase III - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase III - Grading	Scrapers	2	8.00	367	0.48
Phase III - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase II - Trenching	Excavators	2	8.00	158	0.38
Phase II - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Phase II - Trenching	Trenchers	2	8.00	78	0.50
Phase I - Trenching	Excavators	2	8.00	158	0.38
Phase I - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase I - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Paving	Pavers	3	8.00	130	0.42
Phase II - Paving	Paving Equipment	2	8.00	132	0.36
Phase II - Paving	Rollers	2	8.00	80	0.38
Phase II - Building Construction	Air Compressors	1	6.00	78	0.48
Phase II - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase II - Building Construction	Cranes	1	8.00	231	0.29
Phase II - Building Construction	Forklifts	3	8.00	89	0.20
Phase II - Building Construction	Generator Sets	1	8.00	84	0.74
Phase II - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase II - Building Construction	Welders	1	8.00	46	0.45
Phase I - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase I - Paving	Pavers	3	8.00	130	0.42
Phase I - Paving	Paving Equipment	2	8.00	132	0.36
Phase I - Paving	Rollers	2	8.00	80	0.38
Phase III - Trenching	Excavators	2	8.00	158	0.38
Phase III - Trenching	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase III - Trenching	Trenchers	2	8.00	78	0.50
Phase II - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase III - Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Paving	Pavers	3	8.00	130	0.42
Phase III - Paving	Paving Equipment	2	8.00	132	0.36
Phase III - Paving	Rollers	2	8.00	80	0.38

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Phase III - Building Construction	Air Compressors	1	6.00	78	0.48
Phase III - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase III - Building Construction	Cranes	1	8.00	231	0.29
Phase III - Building Construction	Forklifts	3	8.00	89	0.20
Phase III - Building Construction	Generator Sets	1	8.00	84	0.74
Phase III - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Phase III - Building Construction	Welders	1	6.00	46	0.45
Phase IV - Building Construction	Air Compressors	1	6.00	78	0.48
Phase IV - Building Construction	Cement and Mortar Mixers	2	8.00	9	0.56
Phase IV - Building Construction	Cranes	1	7.00	231	0.29
Phase IV - Building Construction	Forklifts	3	8.00	89	0.20
Phase IV - Building Construction	Generator Sets	1	8.00	84	0.74
Phase IV - Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase IV - Building Construction	Welders	1	8.00	46	0.45
Phase III - Architectural Coating	Air Compressors	2	6.00	78	0.48
Phase IV - Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase I - Site Preparation	8	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Grading and Creek Realignment	9	48.00	0.00	144.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Grading	9	36.00	0.00	11,750.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Grading	9	20.00	0.00	5,813.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Trenching	6	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Trenching	6	24.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Paving	9	80.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Building Construction	12	100.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase I - Paving	9	36.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Trenching	6	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase II - Architectural Coating	2	50.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Paving	9	60.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Building Construction	12	60.00	227.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Building Construction	12	60.00	191.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase III - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT
Phase IV - Architectural Coating	2	20.00	0.00	0.00	13.00	5.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					12.7284	0.0000	12.7284	6.6943	0.0000	6.6943			0.0000			0.0000
Off-Road	3.4870	35.9104	23.9176	0.0398		1.8762	1.8762		1.7261	1.7261		3,857.9959	3,857.9959	1.2478		3,889.1897
Total	3.4870	35.9104	23.9176	0.0398	12.7284	1.8762	14.6045	6.6943	1.7261	8.4204		3,857.9959	3,857.9959	1.2478		3,889.1897

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.2 Phase I - Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.7278	0.0000	5.7278	3.0125	0.0000	3.0125			0.0000			0.0000
Off-Road	0.9762	19.9364	26.2655	0.0398		1.0300	1.0300		1.0300	1.0300	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897
Total	0.9762	19.9364	26.2655	0.0398	5.7278	1.0300	6.7578	3.0125	1.0300	4.0425	0.0000	3,857.9959	3,857.9959	1.2478		3,889.1897

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710
Total	0.0975	0.0810	0.6907	1.7700e-003	0.1977	1.2600e-003	0.1990	0.0524	1.1700e-003	0.0536		176.1254	176.1254	5.8200e-003		176.2710

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.0807	2.3761	8.4568	3.3166	2.1860	5.5026		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.4400e-003	0.1240	0.0282	3.0000e-004	9.1200e-003	5.5000e-004	9.6700e-003	2.4300e-003	5.3000e-004	2.9600e-003		32.8067	32.8067	1.9100e-003		32.8544
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2340	0.1944	1.6577	4.2500e-003	0.4745	3.0300e-003	0.4776	0.1259	2.8000e-003	0.1287		422.7010	422.7010	0.0140		423.0505
Total	0.2375	0.3184	1.6858	4.5500e-003	0.4837	3.5800e-003	0.4872	0.1283	3.3300e-003	0.1316		455.5078	455.5078	0.0159		455.9049

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0807	0.0000	6.0807	3.3166	0.0000	3.3166			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.0807	2.1730	8.2537	3.3166	1.9992	5.3158		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.3 Phase I - Grading and Creek Realignment - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7363	0.0000	2.7363	1.4925	0.0000	1.4925			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.7363	1.4184	4.1547	1.4925	1.4184	2.9109	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.2100e-003	0.1134	0.0268	3.0000e-004	0.0184	4.9000e-004	0.0188	4.7000e-003	4.7000e-004	5.1600e-003		32.4325	32.4325	1.9300e-003		32.4808
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2184	0.1738	1.5013	4.1000e-003	0.4745	2.9400e-003	0.4775	0.1259	2.7100e-003	0.1286		408.2947	408.2947	0.0124		408.6049
Total	0.2216	0.2872	1.5281	4.4000e-003	0.4929	3.4300e-003	0.4963	0.1306	3.1800e-003	0.1337		440.7271	440.7271	0.0143		441.0857

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2522	2.3761	8.6283	3.3408	2.1860	5.5269		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3969	14.3017	3.2508	0.0351	2.4096	0.0639	2.4735	0.6138	0.0611	0.6750		3,784.6351	3,784.6351	0.2200		3,790.1349
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5724	14.4475	4.4941	0.0383	3.3842	0.0662	3.4504	0.8601	0.0632	0.9233		4,101.6609	4,101.6609	0.2305		4,107.4227

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8135	0.0000	2.8135	1.5034	0.0000	1.5034			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.8135	1.4184	4.2319	1.5034	1.4184	2.9218	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3969	14.3017	3.2508	0.0351	2.4096	0.0639	2.4735	0.6138	0.0611	0.6750		3,784.6351	3,784.6351	0.2200		3,790.1349
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1755	0.1458	1.2432	3.1800e-003	0.9747	2.2800e-003	0.9769	0.2463	2.1000e-003	0.2484		317.0258	317.0258	0.0105		317.2879
Total	0.5724	14.4475	4.4941	0.0383	3.3842	0.0662	3.4504	0.8601	0.0632	0.9233		4,101.6609	4,101.6609	0.2305		4,107.4227

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2522	0.0000	6.2522	3.3408	0.0000	3.3408			0.0000			0.0000
Off-Road	4.6442	52.3244	32.6456	0.0686		2.1730	2.1730		1.9992	1.9992		6,648.7276	6,648.7276	2.1503		6,702.4859
Total	4.6442	52.3244	32.6456	0.0686	6.2522	2.1730	8.4252	3.3408	1.9992	5.3400		6,648.7276	6,648.7276	2.1503		6,702.4859

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3702	13.0784	3.0928	0.0346	9.3288	0.0561	9.3849	2.3122	0.0537	2.3659		3,741.4606	3,741.4606	0.2230		3,747.0348
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.5340	13.2087	4.2187	0.0377	10.3034	0.0583	10.3617	2.5585	0.0557	2.6142		4,047.6816	4,047.6816	0.2323		4,053.4885

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.4 Phase II - Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8135	0.0000	2.8135	1.5034	0.0000	1.5034			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859
Total	1.6854	33.1154	40.2384	0.0686	2.8135	1.4184	4.2319	1.5034	1.4184	2.9218	0.0000	6,648.7276	6,648.7276	2.1503		6,702.4859

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3702	13.0784	3.0928	0.0346	9.3288	0.0561	9.3849	2.3122	0.0537	2.3659		3,741.4606	3,741.4606	0.2230		3,747.0348
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.9747	2.2000e-003	0.9769	0.2463	2.0300e-003	0.2483		306.2210	306.2210	9.3100e-003		306.4537
Total	0.5340	13.2087	4.2187	0.0377	10.3034	0.0583	10.3617	2.5585	0.0557	2.6142		4,047.6816	4,047.6816	0.2323		4,053.4885

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2166	0.0000	6.2166	3.3348	0.0000	3.3348			0.0000			0.0000
Off-Road	4.9259	56.5231	33.7727	0.0686		2.3761	2.3761		2.1860	2.1860		6,648.5839	6,648.5839	2.1503		6,702.3411
Total	4.9259	56.5231	33.7727	0.0686	6.2166	2.3761	8.5927	3.3348	2.1860	5.5208		6,648.5839	6,648.5839	2.1503		6,702.3411

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.5 Phase III - Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7975	0.0000	2.7975	1.5007	0.0000	1.5007			0.0000			0.0000
Off-Road	1.6854	33.1154	40.2384	0.0686		1.4184	1.4184		1.4184	1.4184	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411
Total	1.6854	33.1154	40.2384	0.0686	2.7975	1.4184	4.2159	1.5007	1.4184	2.9191	0.0000	6,648.5839	6,648.5839	2.1503		6,702.3411

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2464	8.8783	2.0181	0.0218	0.8571	0.0397	0.8968	0.2243	0.0380	0.2622		2,349.4361	2,349.4361	0.1366		2,352.8503
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0975	0.0810	0.6907	1.7700e-003	0.3696	1.2600e-003	0.3709	0.0946	1.1700e-003	0.0958		176.1254	176.1254	5.8200e-003		176.2710
Total	0.3439	8.9592	2.7087	0.0236	1.2267	0.0409	1.2677	0.3189	0.0391	0.3580		2,525.5615	2,525.5615	0.1424		2,529.1213

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.6 Phase II - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301
Total	0.2275	0.1810	1.5638	4.2700e-003	0.9240	3.0600e-003	0.9271	0.2366	2.8200e-003	0.2394		425.3069	425.3069	0.0129		425.6301

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.7 Phase I - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025
Total	0.1092	0.0869	0.7506	2.0500e-003	0.2373	1.4700e-003	0.2387	0.0629	1.3600e-003	0.0643		204.1473	204.1473	6.2000e-003		204.3025

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2079	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.8 Phase II - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5886					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2651	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082
Total	0.3640	0.2897	2.5021	6.8300e-003	0.7909	4.9000e-003	0.7958	0.2098	4.5200e-003	0.2143		680.4911	680.4911	0.0207		681.0082

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470
Total	2.3592	21.0124	20.1049	0.0332		1.1479	1.1479		1.0852	1.0852		3,118.5245	3,118.5245	0.7049		3,136.1470

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,118.5245	3,118.5245	0.7049		3,136.1470

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6028	17.9355	5.6404	0.0371	1.5181	0.0536	1.5717	0.4104	0.0513	0.4617		3,953.7679	3,953.7679	0.2461		3,959.9208
Worker	0.4550	0.3621	3.1277	8.5400e-003	1.8480	6.1200e-003	1.8541	0.4731	5.6500e-003	0.4788		850.6139	850.6139	0.0259		851.2602
Total	1.0577	18.2976	8.7681	0.0457	3.3661	0.0598	3.4258	0.8835	0.0569	0.9404		4,804.3818	4,804.3818	0.2720		4,811.1810

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298
Total	2.1367	18.9119	19.8697	0.0332		0.9749	0.9749		0.9226	0.9226		3,119.6327	3,119.6327	0.6999		3,137.1298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.9 Phase II - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298
Total	0.7795	16.5761	20.9685	0.0332		1.0572	1.0572		1.0572	1.0572	0.0000	3,119.6327	3,119.6327	0.6999		3,137.1298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5577	17.0436	5.2142	0.0368	1.5183	0.0473	1.5655	0.4104	0.0452	0.4556		3,925.7053	3,925.7053	0.2432		3,931.7851
Worker	0.4278	0.3256	2.8631	8.2300e-003	1.8480	5.9500e-003	1.8539	0.4731	5.4900e-003	0.4786		820.2115	820.2115	0.0232		820.7903
Total	0.9855	17.3691	8.0774	0.0451	3.3662	0.0532	3.4195	0.8836	0.0507	0.9343		4,745.9168	4,745.9168	0.2663		4,752.5754

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.1686	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.10 Phase I - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.5493					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2258	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537
Total	0.1638	0.1304	1.1260	3.0700e-003	0.3559	2.2000e-003	0.3581	0.0944	2.0300e-003	0.0964		306.2210	306.2210	9.3100e-003		306.4537

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	1.5979	15.1226	16.2767	0.0233		0.9425	0.9425		0.8671	0.8671		2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.11 Phase III - Trenching - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2
Total	0.5711	12.1516	17.6102	0.0233		0.7444	0.7444		0.7444	0.7444	0.0000	2,256.029 1	2,256.029 1	0.7297		2,274.270 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.12 Phase III - Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6193	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0117	16.2505	18.1748	0.0289		0.8318	0.8318		0.7675	0.7675		2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.12 Phase III - Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.304 3	2,763.304 3	0.8715		2,785.092 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561
Total	0.2730	0.2172	1.8766	5.1200e-003	0.5932	3.6700e-003	0.5968	0.1573	3.3900e-003	0.1607		510.3683	510.3683	0.0155		510.7561

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.12 Phase III - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4272	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8196	13.9601	18.0813	0.0289		0.6963	0.6963		0.6428	0.6428		2,763.9509	2,763.9509	0.8717		2,785.7441

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.12 Phase III - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6765	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441
Paving	0.3924					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0689	13.5293	20.8587	0.0289		0.7172	0.7172		0.7172	0.7172	0.0000	2,763.9509	2,763.9509	0.8717		2,785.7441

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	2.0675	18.5462	19.4457	0.0326		0.9589	0.9589		0.9066	0.9066		3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6628	20.2560	6.1970	0.0438	1.0541	0.0562	1.1103	0.3036	0.0537	0.3574		4,665.628 9	4,665.628 9	0.2890		4,672.854 6
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.9195	20.4513	7.9149	0.0487	1.6473	0.0598	1.7070	0.4609	0.0570	0.5180		5,157.755 7	5,157.755 7	0.3029		5,165.328 7

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,067.763 2	3,067.763 2	0.6937		3,085.105 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6628	20.2560	6.1970	0.0438	1.0541	0.0562	1.1103	0.3036	0.0537	0.3574		4,665.628 9	4,665.628 9	0.2890		4,672.854 6
Worker	0.2567	0.1953	1.7179	4.9400e-003	0.5932	3.5700e-003	0.5967	0.1573	3.2900e-003	0.1606		492.1269	492.1269	0.0139		492.4742
Total	0.9195	20.4513	7.9149	0.0487	1.6473	0.0598	1.7070	0.4609	0.0570	0.5180		5,157.755 7	5,157.755 7	0.3029		5,165.328 7

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818
Total	1.9190	17.1219	19.3184	0.0326		0.8337	0.8337		0.7886	0.7886		3,068.7648	3,068.7648	0.6887		3,085.9818

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.13 Phase III - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818
Total	0.7531	16.1535	20.5942	0.0326		1.0317	1.0317		1.0317	1.0317	0.0000	3,068.7648	3,068.7648	0.6887		3,085.9818

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5064	16.7214	5.4059	0.0430	1.0543	0.0259	1.0802	0.3037	0.0247	0.3284		4,587.3042	4,587.3042	0.2563		4,593.7118
Worker	0.2416	0.1756	1.5674	4.7500e-003	0.5932	3.4800e-003	0.5967	0.1573	3.2100e-003	0.1605		473.6709	473.6709	0.0124		473.9806
Total	0.7481	16.8969	6.9733	0.0477	1.6475	0.0294	1.6768	0.4610	0.0279	0.4890		5,060.9750	5,060.9750	0.2687		5,067.6924

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.14 Phase II - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	59.2102	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.14 Phase II - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	58.8011					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123
Total	58.9199	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0367		563.8123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951
Total	0.2139	0.1628	1.4316	4.1200e-003	0.4943	2.9700e-003	0.4973	0.1311	2.7400e-003	0.1338		410.1057	410.1057	0.0116		410.3951

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.15 Phase III - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	3.7823	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
Total	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.15 Phase III - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.3989					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0337		563.7380
Total	3.5178	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0337		563.7380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935
Total	0.0805	0.0585	0.5225	1.5800e-003	0.1977	1.1600e-003	0.1989	0.0524	1.0700e-003	0.0535		157.8903	157.8903	4.1300e-003		157.9935

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.16 Phase IV - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699
Total	1.8819	16.4243	18.6718	0.0313		0.7992	0.7992		0.7579	0.7579		2,937.6906	2,937.6906	0.6352		2,953.5699

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.16 Phase IV - Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,937.6906	2,937.6906	0.6352		2,953.5699

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4261	14.0695	4.5486	0.0362	2.7810	0.0218	2.8028	0.7204	0.0208	0.7412		3,859.8022	3,859.8022	0.2157		3,865.1937
Worker	0.2416	0.1756	1.5674	4.7500e-003	2.1400	3.4800e-003	2.1435	0.5370	3.2100e-003	0.5402		473.6709	473.6709	0.0124		473.9806
Total	0.6678	14.2451	6.1160	0.0409	4.9211	0.0252	4.9463	1.2574	0.0240	1.2814		4,333.4730	4,333.4730	0.2281		4,339.1742

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.16 Phase IV - Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468
Total	1.7699	15.3989	18.5937	0.0313		0.7029	0.7029		0.6664	0.6664		2,938.1796	2,938.1796	0.6307		2,953.9468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.16 Phase IV - Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468
Total	0.7333	15.5830	19.7062	0.0313		0.9986	0.9986		0.9986	0.9986	0.0000	2,938.1796	2,938.1796	0.6307		2,953.9468

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4039	13.7537	4.2793	0.0359	2.7812	0.0201	2.8012	0.7205	0.0192	0.7396		3,838.5612	3,838.5612	0.2168		3,843.9812
Worker	0.2283	0.1584	1.4439	4.5700e-003	2.1400	3.3900e-003	2.1434	0.5370	3.1300e-003	0.5401		455.2575	455.2575	0.0111		455.5351
Total	0.6322	13.9121	5.7232	0.0405	4.9212	0.0234	4.9447	1.2575	0.0223	1.2798		4,293.8186	4,293.8186	0.2279		4,299.5164

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	28.2958	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

3.17 Phase IV - Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.9343					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1189	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885
Total	28.0531	2.7140	3.6648	5.9400e-003		0.1902	0.1902		0.1902	0.1902	0.0000	562.8961	562.8961	0.0317		563.6885

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451
Total	0.0761	0.0528	0.4813	1.5200e-003	0.1977	1.1300e-003	0.1989	0.0524	1.0400e-003	0.0535		151.7525	151.7525	3.7000e-003		151.8451

4.0 Operational Detail - Mobile

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66
Unmitigated	6.4282	23.8549	67.4244	0.2014	20.2898	0.1858	20.4756	5.4177	0.1736	5.5912		20,342.79 47	20,342.79 47	0.7817		20,362.33 66

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,157.10	1,111.86	1019.64	2,874,501	2,874,501
City Park	5.01	60.29	44.36	37,653	37,653
Congregate Care (Assisted Living)	213.60	180.67	173.55	516,379	516,379
Enclosed Parking Structure	0.00	0.00	0.00		
Health Club	0.00	0.00	0.00		
Hotel	980.40	982.80	714.00	1,518,933	1,518,933
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Regional Shopping Center	1,281.00	1,499.10	757.20	1,786,580	1,786,580
Retirement Community	878.40	742.98	713.70	2,123,536	2,123,536
Total	4,515.51	4,577.70	3,422.45	8,857,582	8,857,582

4.3 Trip Type Information

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
City Park	13.00	5.00	5.00	33.00	48.00	19.00	66	28	6
Congregate Care (Assisted Living)	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3
Enclosed Parking Structure	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Health Club	13.00	5.00	5.00	16.90	64.10	19.00	52	39	9
Hotel	13.00	5.00	5.00	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Parking Lot	13.00	5.00	5.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	13.00	5.00	5.00	12.00	69.00	19.00	38	18	44
Regional Shopping Center	13.00	5.00	5.00	16.30	64.70	19.00	54	35	11
Retirement Community	13.00	5.00	5.00	35.80	21.00	43.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
City Park	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Congregate Care (Assisted Living)	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Enclosed Parking Structure	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Health Club	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Hotel	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Other Asphalt Surfaces	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Parking Lot	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Quality Restaurant	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Regional Shopping Center	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192
Retirement Community	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

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	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559
NaturalGas Unmitigated	0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8559

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4861.92	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2106.61	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	795.014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8497.81	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8543.01	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	194.795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10226.8	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	4.86192	0.0524	0.4481	0.1907	2.8600e-003		0.0362	0.0362		0.0362	0.0362		571.9903	571.9903	0.0110	0.0105	575.3894
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Congregate Care (Assisted Living)	2.10661	0.0227	0.1941	0.0826	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.8360	247.8360	4.7500e-003	4.5400e-003	249.3087
Enclosed Parking Structure	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
Health Club	0.795014	8.5700e-003	0.0779	0.0655	4.7000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003		93.5310	93.5310	1.7900e-003	1.7100e-003	94.0868
Hotel	8.49781	0.0916	0.8331	0.6998	5.0000e-003		0.0633	0.0633		0.0633	0.0633		999.7421	999.7421	0.0192	0.0183	1,005.6831
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	8.54301	0.0921	0.8376	0.7035	5.0300e-003		0.0637	0.0637		0.0637	0.0637		1,005.0604	1,005.0604	0.0193	0.0184	1,011.0330
Regional Shopping Center	0.194795	2.1000e-003	0.0191	0.0160	1.1000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003		22.9170	22.9170	4.4000e-004	4.2000e-004	23.0532
Retirement Community	10.2268	0.1103	0.9425	0.4011	6.0200e-003		0.0762	0.0762		0.0762	0.0762		1,203.1520	1,203.1520	0.0231	0.0221	1,210.3017
Total		0.3799	3.3524	2.1592	0.0207		0.2625	0.2625		0.2625	0.2625		4,144.2289	4,144.2289	0.0794	0.0760	4,168.8560

6.0 Area Detail

6.1 Mitigation Measures Area

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846
Unmitigated	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

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	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

From Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.2753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.4225					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5679	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878		93.6307	93.6307	0.0902		95.8846
Total	24.2656	0.5985	51.9606	2.7500e-003		0.2878	0.2878		0.2878	0.2878	0.0000	93.6307	93.6307	0.0902	0.0000	95.8846

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Froom Ranch - Alternative 1 Mitigated Run - San Luis Obispo County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
