

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

Fallbrook Point Light Industrial Use
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	25.50	1000sqft	0.00	25,500.00	0
Manufacturing	20.50	1000sqft	0.00	20,500.00	0
Unrefrigerated Warehouse-No Rail	53.61	1000sqft	7.01	53,614.00	0
Parking Lot	258.00	Space	0.00	103,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - 7.01 ac site. 53,614 sf warehouse, 20,500 sf manufacturing, 25,500 sf office, 258 space parking lot.

Off-road Equipment - 1 excavator, 1 loader

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 1 dozer, 2 backhoes

Demolition - 6,000 tons asphalt removal

Grading - 10,500 cy import

Construction Off-road Equipment Mitigation - Rule 403

Vehicle Trips - Weekday trips per LADOT VMT calculator.

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialImported	0.00	10,500.00
tblLandUse	LandUseSquareFeet	53,610.00	53,614.00
tblLandUse	LotAcreage	0.59	0.00
tblLandUse	LotAcreage	0.47	0.00
tblLandUse	LotAcreage	1.23	7.01
tblLandUse	LotAcreage	2.32	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	1,313.00	1,312.00
tblVehicleTrips	WD_TR	11.03	18.70
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Energy	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
Mobile	0.9577	4.2050	12.9535	0.0495	4.3749	0.0381	4.4130	1.1708	0.0354	1.2062		5,040.8463	5,040.8463	0.2503		5,047.1032
Total	3.2510	4.3888	13.1441	0.0506	4.3749	0.0522	4.4271	1.1708	0.0495	1.2203		5,261.1177	5,261.1177	0.2547	4.0400e-003	5,268.6882

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Energy	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
Mobile	0.9577	4.2050	12.9535	0.0495	4.3749	0.0381	4.4130	1.1708	0.0354	1.2062		5,040.8463	5,040.8463	0.2503		5,047.1032
Total	3.2510	4.3888	13.1441	0.0506	4.3749	0.0522	4.4271	1.1708	0.0495	1.2203		5,261.1177	5,261.1177	0.2547	4.0400e-003	5,268.6882

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/11/2022	5	10	
3	Grading	Grading	11/12/2022	12/9/2022	5	20	
4	Building Construction	Building Construction	12/10/2022	10/27/2023	5	230	
5	Paving	Paving	10/28/2023	11/24/2023	5	20	
6	Architectural Coating	Architectural Coating	11/25/2023	12/22/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 149,421; Non-Residential Outdoor: 49,807; Striped Parking Area: 6,192 (Architectural Coating – sqft)

OffRoad Equipment

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	6.00	203	0.36
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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
Architectural Coating	1	17.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	83.00	33.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,312.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4197	0.0000	6.4197	0.9720	0.0000	0.9720			0.0000			0.0000
Off-Road	2.4529	24.4342	15.2322	0.0332		1.1469	1.1469		1.0672	1.0672		3,200.9989	3,200.9989	0.8759		3,222.8968
Total	2.4529	24.4342	15.2322	0.0332	6.4197	1.1469	7.5666	0.9720	1.0672	2.0392		3,200.9989	3,200.9989	0.8759		3,222.8968

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2410	7.4728	1.9533	0.0224	0.5185	0.0215	0.5400	0.1421	0.0206	0.1627		2,436.6866	2,436.6866	0.1735		2,441.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.2992	7.5111	2.3942	0.0238	0.6638	0.0227	0.6865	0.1807	0.0217	0.2023		2,571.1807	2,571.1807	0.1772		2,575.6104

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.8889	0.0000	2.8889	0.4374	0.0000	0.4374			0.0000			0.0000
Off-Road	2.4529	24.4342	15.2322	0.0332		1.1469	1.1469		1.0672	1.0672	0.0000	3,200.9989	3,200.9989	0.8759		3,222.8968
Total	2.4529	24.4342	15.2322	0.0332	2.8889	1.1469	4.0358	0.4374	1.0672	1.5046	0.0000	3,200.9989	3,200.9989	0.8759		3,222.8968

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2410	7.4728	1.9533	0.0224	0.5185	0.0215	0.5400	0.1421	0.0206	0.1627		2,436.6866	2,436.6866	0.1735		2,441.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.2992	7.5111	2.3942	0.0238	0.6638	0.0227	0.6865	0.1807	0.0217	0.2023		2,571.1807	2,571.1807	0.1772		2,575.6104

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.1665	12.1449	8.0579	0.0148		0.5976	0.5976		0.5498	0.5498		1,429.5133	1,429.5133	0.4623		1,441.0716
Total	1.1665	12.1449	8.0579	0.0148	6.0221	0.5976	6.6197	3.3102	0.5498	3.8600		1,429.5133	1,429.5133	0.4623		1,441.0716

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.1665	12.1449	8.0579	0.0148		0.5976	0.5976		0.5498	0.5498	0.0000	1,429.5133	1,429.5133	0.4623		1,441.0716
Total	1.1665	12.1449	8.0579	0.0148	2.7099	0.5976	3.3075	1.4896	0.5498	2.0394	0.0000	1,429.5133	1,429.5133	0.4623		1,441.0716

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6117	0.0000	6.6117	3.3765	0.0000	3.3765			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	6.6117	0.9409	7.5526	3.3765	0.8656	4.2421		2,872.0464	2,872.0464	0.9289		2,895.2684

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5331	16.5333	4.3216	0.0496	1.1471	0.0477	1.1948	0.3144	0.0456	0.3600		5,391.1178	5,391.1178	0.3838		5,400.7137
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	0.0442	0.5088	1.5600e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		155.1854	155.1854	4.2700e-003		155.2922
Total	0.6003	16.5775	4.8303	0.0512	1.3148	0.0490	1.3637	0.3589	0.0468	0.4057		5,546.3032	5,546.3032	0.3881		5,556.0059

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.9753	0.0000	2.9753	1.5194	0.0000	1.5194			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	2.9753	0.9409	3.9161	1.5194	0.8656	2.3850	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5331	16.5333	4.3216	0.0496	1.1471	0.0477	1.1948	0.3144	0.0456	0.3600		5,391.1178	5,391.1178	0.3838		5,400.7137
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	0.0442	0.5088	1.5600e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		155.1854	155.1854	4.2700e-003		155.2922
Total	0.6003	16.5775	4.8303	0.0512	1.3148	0.0490	1.3637	0.3589	0.0468	0.4057		5,546.3032	5,546.3032	0.3881		5,556.0059

3.5 Building Construction - 2022

Unmitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0989	3.0386	0.8770	8.1800e-003	0.2113	5.9200e-003	0.2172	0.0608	5.6600e-003	0.0665		874.4019	874.4019	0.0550		875.7758
Worker	0.3717	0.2445	2.8152	8.6200e-003	0.9277	7.2600e-003	0.9350	0.2460	6.6900e-003	0.2527		858.6927	858.6927	0.0236		859.2838
Total	0.4706	3.2831	3.6922	0.0168	1.1390	0.0132	1.1522	0.3069	0.0124	0.3192		1,733.0946	1,733.0946	0.0786		1,735.0595

Mitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0989	3.0386	0.8770	8.1800e-003	0.2113	5.9200e-003	0.2172	0.0608	5.6600e-003	0.0665		874.4019	874.4019	0.0550		875.7758
Worker	0.3717	0.2445	2.8152	8.6200e-003	0.9277	7.2600e-003	0.9350	0.2460	6.6900e-003	0.2527		858.6927	858.6927	0.0236		859.2838
Total	0.4706	3.2831	3.6922	0.0168	1.1390	0.0132	1.1522	0.3069	0.0124	0.3192		1,733.0946	1,733.0946	0.0786		1,735.0595

3.5 Building Construction - 2023

Unmitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0734	2.3014	0.7793	7.9100e-003	0.2113	2.8100e-003	0.2141	0.0608	2.6800e-003	0.0635		847.2463	847.2463	0.0484		848.4558
Worker	0.3502	0.2211	2.5877	8.3000e-003	0.9277	7.0600e-003	0.9348	0.2460	6.5000e-003	0.2525		827.2781	827.2781	0.0213		827.8103
Total	0.4236	2.5225	3.3670	0.0162	1.1390	9.8700e-003	1.1489	0.3069	9.1800e-003	0.3161		1,674.5244	1,674.5244	0.0697		1,676.2661

Mitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0734	2.3014	0.7793	7.9100e-003	0.2113	2.8100e-003	0.2141	0.0608	2.6800e-003	0.0635		847.2463	847.2463	0.0484		848.4558
Worker	0.3502	0.2211	2.5877	8.3000e-003	0.9277	7.0600e-003	0.9348	0.2460	6.5000e-003	0.2525		827.2781	827.2781	0.0213		827.8103
Total	0.4236	2.5225	3.3670	0.0162	1.1390	9.8700e-003	1.1489	0.3069	9.1800e-003	0.3161		1,674.5244	1,674.5244	0.0697		1,676.2661

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	47.6061					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	47.7978	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0717	0.0453	0.5300	1.7000e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		169.4425	169.4425	4.3600e-003		169.5515
Total	0.0717	0.0453	0.5300	1.7000e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		169.4425	169.4425	4.3600e-003		169.5515

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	47.6061					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	47.7978	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0717	0.0453	0.5300	1.7000e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		169.4425	169.4425	4.3600e-003		169.5515
Total	0.0717	0.0453	0.5300	1.7000e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		169.4425	169.4425	4.3600e-003		169.5515

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.9577	4.2050	12.9535	0.0495	4.3749	0.0381	4.4130	1.1708	0.0354	1.2062		5,040.846 3	5,040.846 3	0.2503		5,047.103 2
Unmitigated	0.9577	4.2050	12.9535	0.0495	4.3749	0.0381	4.4130	1.1708	0.0354	1.2062		5,040.846 3	5,040.846 3	0.2503		5,047.103 2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	476.85	62.73	26.78	1,138,444	1,138,444
Manufacturing	0.00	30.55	12.71	27,364	27,364
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	90.06	90.06	110,283	110,283
Total	476.85	183.34	129.55	1,276,091	1,276,091

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Manufacturing	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Manufacturing	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Parking Lot	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Unrefrigerated Warehouse-No Rail	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

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	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
NaturalGas Unmitigated	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	727.274	7.8400e-003	0.0713	0.0599	4.3000e-004		5.4200e-003	5.4200e-003		5.4200e-003	5.4200e-003		85.5616	85.5616	1.6400e-003	1.5700e-003	86.0701
Manufacturing	1016.58	0.0110	0.0997	0.0837	6.0000e-004		7.5700e-003	7.5700e-003		7.5700e-003	7.5700e-003		119.5971	119.5971	2.2900e-003	2.1900e-003	120.3078
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	127.792	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0344	15.0344	2.9000e-004	2.8000e-004	15.1237
Total		0.0202	0.1835	0.1541	1.1100e-003		0.0139	0.0139		0.0139	0.0139		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	0.727274	7.8400e-003	0.0713	0.0599	4.3000e-004		5.4200e-003	5.4200e-003		5.4200e-003	5.4200e-003		85.5616	85.5616	1.6400e-003	1.5700e-003	86.0701
Manufacturing	1.01658	0.0110	0.0997	0.0837	6.0000e-004		7.5700e-003	7.5700e-003		7.5700e-003	7.5700e-003		119.5971	119.5971	2.2900e-003	2.1900e-003	120.3078
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.127792	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0344	15.0344	2.9000e-004	2.8000e-004	15.1237
Total		0.0202	0.1835	0.1541	1.1100e-003		0.0139	0.0139		0.0139	0.0139		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

6.0 Area Detail

6.1 Mitigation Measures Area

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Unmitigated	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3800e-003	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Total	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.2609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3800e-003	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Total	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Winter

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

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

Equipment Type	Number
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11.0 Vegetation

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

Fallbrook Point Light Industrial Use
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	25.50	1000sqft	0.00	25,500.00	0
Manufacturing	20.50	1000sqft	0.00	20,500.00	0
Unrefrigerated Warehouse-No Rail	53.61	1000sqft	7.01	53,614.00	0
Parking Lot	258.00	Space	0.00	103,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - 7.01 ac site. 53,614 sf warehouse, 20,500 sf manufacturing, 25,500 sf office, 258 space parking lot.

Off-road Equipment - 1 excavator, 1 loader

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 1 dozer, 2 backhoes

Demolition - 6,000 tons asphalt removal

Grading - 10,500 cy import

Construction Off-road Equipment Mitigation - Rule 403

Vehicle Trips - Weekday trips per LADOT VMT calculator.

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialImported	0.00	10,500.00
tblLandUse	LandUseSquareFeet	53,610.00	53,614.00
tblLandUse	LotAcreage	0.59	0.00
tblLandUse	LotAcreage	0.47	0.00
tblLandUse	LotAcreage	1.23	7.01
tblLandUse	LotAcreage	2.32	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	1,313.00	1,312.00
tblVehicleTrips	WD_TR	11.03	18.70
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Energy	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
Mobile	0.9887	4.0981	13.7041	0.0520	4.3749	0.0379	4.4129	1.1708	0.0353	1.2060		5,294.0087	5,294.0087	0.2515		5,300.2967
Total	3.2820	4.2819	13.8947	0.0531	4.3749	0.0520	4.4269	1.1708	0.0494	1.2201		5,514.2801	5,514.2801	0.2560	4.0400e-003	5,521.8817

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Energy	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
Mobile	0.9887	4.0981	13.7041	0.0520	4.3749	0.0379	4.4129	1.1708	0.0353	1.2060		5,294.0087	5,294.0087	0.2515		5,300.2967
Total	3.2820	4.2819	13.8947	0.0531	4.3749	0.0520	4.4269	1.1708	0.0494	1.2201		5,514.2801	5,514.2801	0.2560	4.0400e-003	5,521.8817

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/11/2022	5	10	
3	Grading	Grading	11/12/2022	12/9/2022	5	20	
4	Building Construction	Building Construction	12/10/2022	10/27/2023	5	230	
5	Paving	Paving	10/28/2023	11/24/2023	5	20	
6	Architectural Coating	Architectural Coating	11/25/2023	12/22/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 149,421; Non-Residential Outdoor: 49,807; Striped Parking Area: 6,192 (Architectural Coating – sqft)

OffRoad Equipment

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	6.00	203	0.36
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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
Architectural Coating	1	17.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	83.00	33.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,312.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4197	0.0000	6.4197	0.9720	0.0000	0.9720			0.0000			0.0000
Off-Road	2.4529	24.4342	15.2322	0.0332		1.1469	1.1469		1.0672	1.0672		3,200.9989	3,200.9989	0.8759		3,222.8968
Total	2.4529	24.4342	15.2322	0.0332	6.4197	1.1469	7.5666	0.9720	1.0672	2.0392		3,200.9989	3,200.9989	0.8759		3,222.8968

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2353	7.3884	1.8459	0.0228	0.5185	0.0212	0.5397	0.1421	0.0203	0.1624		2,480.0297	2,480.0297	0.1678		2,484.2238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.2875	7.4230	2.3290	0.0243	0.6638	0.0224	0.6861	0.1807	0.0213	0.2020		2,622.8623	2,622.8623	0.1717		2,627.1549

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.8889	0.0000	2.8889	0.4374	0.0000	0.4374			0.0000			0.0000
Off-Road	2.4529	24.4342	15.2322	0.0332		1.1469	1.1469		1.0672	1.0672	0.0000	3,200.9989	3,200.9989	0.8759		3,222.8968
Total	2.4529	24.4342	15.2322	0.0332	2.8889	1.1469	4.0358	0.4374	1.0672	1.5046	0.0000	3,200.9989	3,200.9989	0.8759		3,222.8968

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2353	7.3884	1.8459	0.0228	0.5185	0.0212	0.5397	0.1421	0.0203	0.1624		2,480.0297	2,480.0297	0.1678		2,484.2238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.2875	7.4230	2.3290	0.0243	0.6638	0.0224	0.6861	0.1807	0.0213	0.2020		2,622.8623	2,622.8623	0.1717		2,627.1549

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.1665	12.1449	8.0579	0.0148		0.5976	0.5976		0.5498	0.5498		1,429.5133	1,429.5133	0.4623		1,441.0716
Total	1.1665	12.1449	8.0579	0.0148	6.0221	0.5976	6.6197	3.3102	0.5498	3.8600		1,429.5133	1,429.5133	0.4623		1,441.0716

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.1665	12.1449	8.0579	0.0148		0.5976	0.5976		0.5498	0.5498	0.0000	1,429.5133	1,429.5133	0.4623		1,441.0716
Total	1.1665	12.1449	8.0579	0.0148	2.7099	0.5976	3.3075	1.4896	0.5498	2.0394	0.0000	1,429.5133	1,429.5133	0.4623		1,441.0716

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6117	0.0000	6.6117	3.3765	0.0000	3.3765			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656		2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	6.6117	0.9409	7.5526	3.3765	0.8656	4.2421		2,872.0464	2,872.0464	0.9289		2,895.2684

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5205	16.3466	4.0840	0.0505	1.1471	0.0469	1.1940	0.3144	0.0449	0.3593		5,487.0134	5,487.0134	0.3712		5,496.2927
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	0.0399	0.5574	1.6500e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		164.8069	164.8069	4.5500e-003		164.9206
Total	0.5808	16.3866	4.6414	0.0522	1.3148	0.0482	1.3630	0.3589	0.0461	0.4050		5,651.8202	5,651.8202	0.3757		5,661.2133

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.9753	0.0000	2.9753	1.5194	0.0000	1.5194			0.0000			0.0000
Off-Road	1.9486	20.8551	15.2727	0.0297		0.9409	0.9409		0.8656	0.8656	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684
Total	1.9486	20.8551	15.2727	0.0297	2.9753	0.9409	3.9161	1.5194	0.8656	2.3850	0.0000	2,872.0464	2,872.0464	0.9289		2,895.2684

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5205	16.3466	4.0840	0.0505	1.1471	0.0469	1.1940	0.3144	0.0449	0.3593		5,487.0134	5,487.0134	0.3712		5,496.2927
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	0.0399	0.5574	1.6500e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		164.8069	164.8069	4.5500e-003		164.9206
Total	0.5808	16.3866	4.6414	0.0522	1.3148	0.0482	1.3630	0.3589	0.0461	0.4050		5,651.8202	5,651.8202	0.3757		5,661.2133

3.5 Building Construction - 2022

Unmitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0941	3.0469	0.7925	8.4100e-003	0.2113	5.7300e-003	0.2170	0.0608	5.4800e-003	0.0663		899.2034	899.2034	0.0516		900.4935
Worker	0.3333	0.2209	3.0843	9.1500e-003	0.9277	7.2600e-003	0.9350	0.2460	6.6900e-003	0.2527		911.9312	911.9312	0.0252		912.5605
Total	0.4274	3.2678	3.8768	0.0176	1.1390	0.0130	1.1520	0.3069	0.0122	0.3190		1,811.1347	1,811.1347	0.0768		1,813.0540

Mitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0941	3.0469	0.7925	8.4100e-003	0.2113	5.7300e-003	0.2170	0.0608	5.4800e-003	0.0663		899.2034	899.2034	0.0516		900.4935
Worker	0.3333	0.2209	3.0843	9.1500e-003	0.9277	7.2600e-003	0.9350	0.2460	6.6900e-003	0.2527		911.9312	911.9312	0.0252		912.5605
Total	0.4274	3.2678	3.8768	0.0176	1.1390	0.0130	1.1520	0.3069	0.0122	0.3190		1,811.1347	1,811.1347	0.0768		1,813.0540

3.5 Building Construction - 2023

Unmitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0698	2.3119	0.7157	8.1300e-003	0.2113	2.6700e-003	0.2140	0.0608	2.5500e-003	0.0634		870.8945	870.8945	0.0457		872.0377
Worker	0.3130	0.1999	2.8404	8.8100e-003	0.9277	7.0600e-003	0.9348	0.2460	6.5000e-003	0.2525		878.5401	878.5401	0.0227		879.1074
Total	0.3828	2.5117	3.5561	0.0169	1.1390	9.7300e-003	1.1488	0.3069	9.0500e-003	0.3159		1,749.4346	1,749.4346	0.0684		1,751.1451

Mitigated Construction On-Site

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0698	2.3119	0.7157	8.1300e-003	0.2113	2.6700e-003	0.2140	0.0608	2.5500e-003	0.0634		870.8945	870.8945	0.0457		872.0377
Worker	0.3130	0.1999	2.8404	8.8100e-003	0.9277	7.0600e-003	0.9348	0.2460	6.5000e-003	0.2525		878.5401	878.5401	0.0227		879.1074
Total	0.3828	2.5117	3.5561	0.0169	1.1390	9.7300e-003	1.1488	0.3069	9.0500e-003	0.3159		1,749.4346	1,749.4346	0.0684		1,751.1451

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	47.6061					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	47.7978	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0641	0.0409	0.5818	1.8100e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		179.9419	179.9419	4.6500e-003		180.0581
Total	0.0641	0.0409	0.5818	1.8100e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		179.9419	179.9419	4.6500e-003		180.0581

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	47.6061					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	47.7978	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0641	0.0409	0.5818	1.8100e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		179.9419	179.9419	4.6500e-003		180.0581
Total	0.0641	0.0409	0.5818	1.8100e-003	0.1900	1.4500e-003	0.1915	0.0504	1.3300e-003	0.0517		179.9419	179.9419	4.6500e-003		180.0581

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.9887	4.0981	13.7041	0.0520	4.3749	0.0379	4.4129	1.1708	0.0353	1.2060		5,294.0087	5,294.0087	0.2515		5,300.2967
Unmitigated	0.9887	4.0981	13.7041	0.0520	4.3749	0.0379	4.4129	1.1708	0.0353	1.2060		5,294.0087	5,294.0087	0.2515		5,300.2967

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	476.85	62.73	26.78	1,138,444	1,138,444
Manufacturing	0.00	30.55	12.71	27,364	27,364
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	90.06	90.06	110,283	110,283
Total	476.85	183.34	129.55	1,276,091	1,276,091

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Manufacturing	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Manufacturing	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Parking Lot	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Unrefrigerated Warehouse-No Rail	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

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	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016
NaturalGas Unmitigated	0.0202	0.1835	0.1541	1.1000e-003		0.0140	0.0140		0.0140	0.0140		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	727.274	7.8400e-003	0.0713	0.0599	4.3000e-004		5.4200e-003	5.4200e-003		5.4200e-003	5.4200e-003		85.5616	85.5616	1.6400e-003	1.5700e-003	86.0701
Manufacturing	1016.58	0.0110	0.0997	0.0837	6.0000e-004		7.5700e-003	7.5700e-003		7.5700e-003	7.5700e-003		119.5971	119.5971	2.2900e-003	2.1900e-003	120.3078
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	127.792	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0344	15.0344	2.9000e-004	2.8000e-004	15.1237
Total		0.0202	0.1835	0.1541	1.1100e-003		0.0139	0.0139		0.0139	0.0139		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	0.727274	7.8400e-003	0.0713	0.0599	4.3000e-004		5.4200e-003	5.4200e-003		5.4200e-003	5.4200e-003		85.5616	85.5616	1.6400e-003	1.5700e-003	86.0701
Manufacturing	1.01658	0.0110	0.0997	0.0837	6.0000e-004		7.5700e-003	7.5700e-003		7.5700e-003	7.5700e-003		119.5971	119.5971	2.2900e-003	2.1900e-003	120.3078
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.127792	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0344	15.0344	2.9000e-004	2.8000e-004	15.1237
Total		0.0202	0.1835	0.1541	1.1100e-003		0.0139	0.0139		0.0139	0.0139		220.1931	220.1931	4.2200e-003	4.0400e-003	221.5016

6.0 Area Detail

6.1 Mitigation Measures Area

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Unmitigated	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3800e-003	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Total	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.2609					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3800e-003	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834
Total	2.2732	3.3000e-004	0.0365	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		0.0783	0.0783	2.1000e-004		0.0834

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Fallbrook Point Light Industrial Use
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	25.50	1000sqft	0.00	25,500.00	0
Manufacturing	20.50	1000sqft	0.00	20,500.00	0
Unrefrigerated Warehouse-No Rail	53.61	1000sqft	7.01	53,614.00	0
Parking Lot	258.00	Space	0.00	103,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Project Characteristics -

Land Use - 7.01 ac site. 53,614 sf warehouse, 20,500 sf manufacturing, 25,500 sf office, 258 space parking lot.

Off-road Equipment - 1 excavator, 1 loader

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - 1 dozer, 2 backhoes

Demolition - 6,000 tons asphalt removal

Grading - 10,500 cy import

Construction Off-road Equipment Mitigation - Rule 403

Vehicle Trips - Weekday trips per LADOT VMT calculator.

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialImported	0.00	10,500.00
tblLandUse	LandUseSquareFeet	53,610.00	53,614.00
tblLandUse	LotAcreage	0.59	0.00
tblLandUse	LotAcreage	0.47	0.00
tblLandUse	LotAcreage	1.23	7.01
tblLandUse	LotAcreage	2.32	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblTripsAndVMT	HaulingTripNumber	1,313.00	1,312.00
tblVehicleTrips	WD_TR	11.03	18.70
tblVehicleTrips	WD_TR	3.82	0.00
tblVehicleTrips	WD_TR	1.68	0.00

2.0 Emissions Summary

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-3-2022	1-2-2023	0.9680	0.9680
2	1-3-2023	4-2-2023	0.6076	0.6076
3	4-3-2023	7-2-2023	0.6127	0.6127
4	7-3-2023	9-30-2023	0.6060	0.6060
		Highest	0.9680	0.9680

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003
Energy	3.6800e-003	0.0335	0.0281	2.0000e-004		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	484.2579	484.2579	0.0113	2.8600e-003	485.3910
Mobile	0.1079	0.4914	1.4948	5.6700e-003	0.4843	4.3000e-003	0.4886	0.1298	4.0000e-003	0.1338	0.0000	524.5093	524.5093	0.0257	0.0000	525.1516
Waste						0.0000	0.0000		0.0000	0.0000	20.2017	0.0000	20.2017	1.1939	0.0000	50.0488
Water						0.0000	0.0000		0.0000	0.0000	6.8749	174.3448	181.2197	0.7102	0.0175	204.1982
Total	0.5262	0.5249	1.5275	5.8700e-003	0.4843	6.8700e-003	0.4912	0.1298	6.5700e-003	0.1364	27.0766	1,183.1208	1,210.1974	1.9411	0.0204	1,264.7990

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003
Energy	3.6800e-003	0.0335	0.0281	2.0000e-004		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	484.2579	484.2579	0.0113	2.8600e-003	485.3910
Mobile	0.1079	0.4914	1.4948	5.6700e-003	0.4843	4.3000e-003	0.4886	0.1298	4.0000e-003	0.1338	0.0000	524.5093	524.5093	0.0257	0.0000	525.1516
Waste						0.0000	0.0000		0.0000	0.0000	20.2017	0.0000	20.2017	1.1939	0.0000	50.0488
Water						0.0000	0.0000		0.0000	0.0000	6.8749	174.3448	181.2197	0.7102	0.0175	204.1982
Total	0.5262	0.5249	1.5275	5.8700e-003	0.4843	6.8700e-003	0.4912	0.1298	6.5700e-003	0.1364	27.0766	1,183.1208	1,210.1974	1.9411	0.0204	1,264.7990

	ROG	NOx	CO	SO2	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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	10/3/2022	10/28/2022	5	20	
2	Site Preparation	Site Preparation	10/29/2022	11/11/2022	5	10	
3	Grading	Grading	11/12/2022	12/9/2022	5	20	
4	Building Construction	Building Construction	12/10/2022	10/27/2023	5	230	
5	Paving	Paving	10/28/2023	11/24/2023	5	20	
6	Architectural Coating	Architectural Coating	11/25/2023	12/22/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 149,421; Non-Residential Outdoor: 49,807; Striped Parking Area: 6,192 (Architectural Coating – sqft)

OffRoad Equipment

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	6.00	203	0.36
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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
Architectural Coating	1	17.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	83.00	33.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	5	13.00	0.00	593.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,312.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0642	0.0000	0.0642	9.7200e-003	0.0000	9.7200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0245	0.2443	0.1523	3.3000e-004		0.0115	0.0115		0.0107	0.0107	0.0000	29.0390	29.0390	7.9500e-003	0.0000	29.2376
Total	0.0245	0.2443	0.1523	3.3000e-004	0.0642	0.0115	0.0757	9.7200e-003	0.0107	0.0204	0.0000	29.0390	29.0390	7.9500e-003	0.0000	29.2376

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3800e-003	0.0762	0.0189	2.3000e-004	5.1000e-003	2.1000e-004	5.3100e-003	1.4000e-003	2.0000e-004	1.6000e-003	0.0000	22.3333	22.3333	1.5400e-003	0.0000	22.3719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.9000e-004	4.5300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2404	1.2404	3.0000e-005	0.0000	1.2413
Total	2.9000e-003	0.0766	0.0235	2.4000e-004	6.5200e-003	2.2000e-004	6.7500e-003	1.7800e-003	2.1000e-004	1.9900e-003	0.0000	23.5737	23.5737	1.5700e-003	0.0000	23.6132

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0289	0.0000	0.0289	4.3700e-003	0.0000	4.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0245	0.2443	0.1523	3.3000e-004		0.0115	0.0115		0.0107	0.0107	0.0000	29.0389	29.0389	7.9500e-003	0.0000	29.2376
Total	0.0245	0.2443	0.1523	3.3000e-004	0.0289	0.0115	0.0404	4.3700e-003	0.0107	0.0150	0.0000	29.0389	29.0389	7.9500e-003	0.0000	29.2376

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3800e-003	0.0762	0.0189	2.3000e-004	5.1000e-003	2.1000e-004	5.3100e-003	1.4000e-003	2.0000e-004	1.6000e-003	0.0000	22.3333	22.3333	1.5400e-003	0.0000	22.3719
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2000e-004	3.9000e-004	4.5300e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2404	1.2404	3.0000e-005	0.0000	1.2413
Total	2.9000e-003	0.0766	0.0235	2.4000e-004	6.5200e-003	2.2000e-004	6.7500e-003	1.7800e-003	2.1000e-004	1.9900e-003	0.0000	23.5737	23.5737	1.5700e-003	0.0000	23.6132

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0301	0.0000	0.0301	0.0166	0.0000	0.0166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8300e-003	0.0607	0.0403	7.0000e-005		2.9900e-003	2.9900e-003		2.7500e-003	2.7500e-003	0.0000	6.4842	6.4842	2.1000e-003	0.0000	6.5366
Total	5.8300e-003	0.0607	0.0403	7.0000e-005	0.0301	2.9900e-003	0.0331	0.0166	2.7500e-003	0.0193	0.0000	6.4842	6.4842	2.1000e-003	0.0000	6.5366

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.2000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3817	0.3817	1.0000e-005	0.0000	0.3819
Total	1.6000e-004	1.2000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3817	0.3817	1.0000e-005	0.0000	0.3819

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0136	0.0000	0.0136	7.4500e-003	0.0000	7.4500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8300e-003	0.0607	0.0403	7.0000e-005		2.9900e-003	2.9900e-003		2.7500e-003	2.7500e-003	0.0000	6.4842	6.4842	2.1000e-003	0.0000	6.5366
Total	5.8300e-003	0.0607	0.0403	7.0000e-005	0.0136	2.9900e-003	0.0165	7.4500e-003	2.7500e-003	0.0102	0.0000	6.4842	6.4842	2.1000e-003	0.0000	6.5366

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.2000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3817	0.3817	1.0000e-005	0.0000	0.3819
Total	1.6000e-004	1.2000e-004	1.3900e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3817	0.3817	1.0000e-005	0.0000	0.3819

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0661	0.0000	0.0661	0.0338	0.0000	0.0338	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2086	0.1527	3.0000e-004		9.4100e-003	9.4100e-003		8.6600e-003	8.6600e-003	0.0000	26.0548	26.0548	8.4300e-003	0.0000	26.2654
Total	0.0195	0.2086	0.1527	3.0000e-004	0.0661	9.4100e-003	0.0755	0.0338	8.6600e-003	0.0424	0.0000	26.0548	26.0548	8.4300e-003	0.0000	26.2654

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.2600e-003	0.1686	0.0419	5.0000e-004	0.0113	4.7000e-004	0.0118	3.1000e-003	4.5000e-004	3.5500e-003	0.0000	49.4120	49.4120	3.4200e-003	0.0000	49.4974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	4.5000e-004	5.2300e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4312	1.4312	4.0000e-005	0.0000	1.4322
Total	5.8700e-003	0.1690	0.0471	5.2000e-004	0.0129	4.8000e-004	0.0134	3.5400e-003	4.6000e-004	4.0000e-003	0.0000	50.8432	50.8432	3.4600e-003	0.0000	50.9296

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0298	0.0000	0.0298	0.0152	0.0000	0.0152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0195	0.2086	0.1527	3.0000e-004		9.4100e-003	9.4100e-003		8.6600e-003	8.6600e-003	0.0000	26.0547	26.0547	8.4300e-003	0.0000	26.2654
Total	0.0195	0.2086	0.1527	3.0000e-004	0.0298	9.4100e-003	0.0392	0.0152	8.6600e-003	0.0239	0.0000	26.0547	26.0547	8.4300e-003	0.0000	26.2654

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.2600e-003	0.1686	0.0419	5.0000e-004	0.0113	4.7000e-004	0.0118	3.1000e-003	4.5000e-004	3.5500e-003	0.0000	49.4120	49.4120	3.4200e-003	0.0000	49.4974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1000e-004	4.5000e-004	5.2300e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4312	1.4312	4.0000e-005	0.0000	1.4322
Total	5.8700e-003	0.1690	0.0471	5.2000e-004	0.0129	4.8000e-004	0.0134	3.5400e-003	4.6000e-004	4.0000e-003	0.0000	50.8432	50.8432	3.4600e-003	0.0000	50.9296

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0128	0.1171	0.1227	2.0000e-004		6.0700e-003	6.0700e-003		5.7100e-003	5.7100e-003	0.0000	17.3794	17.3794	4.1600e-003	0.0000	17.4835
Total	0.0128	0.1171	0.1227	2.0000e-004		6.0700e-003	6.0700e-003		5.7100e-003	5.7100e-003	0.0000	17.3794	17.3794	4.1600e-003	0.0000	17.4835

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	7.2000e-004	0.0232	6.2700e-003	6.0000e-005	1.5600e-003	4.0000e-005	1.6000e-003	4.5000e-004	4.0000e-005	4.9000e-004	0.0000	6.0472	6.0472	3.6000e-004	0.0000	6.0562
Worker	2.5100e-003	1.8800e-003	0.0217	7.0000e-005	6.8200e-003	5.0000e-005	6.8800e-003	1.8100e-003	5.0000e-005	1.8600e-003	0.0000	5.9396	5.9396	1.6000e-004	0.0000	5.9437
Total	3.2300e-003	0.0251	0.0280	1.3000e-004	8.3800e-003	9.0000e-005	8.4800e-003	2.2600e-003	9.0000e-005	2.3500e-003	0.0000	11.9868	11.9868	5.2000e-004	0.0000	11.9999

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0128	0.1171	0.1227	2.0000e-004		6.0700e-003	6.0700e-003		5.7100e-003	5.7100e-003	0.0000	17.3794	17.3794	4.1600e-003	0.0000	17.4835
Total	0.0128	0.1171	0.1227	2.0000e-004		6.0700e-003	6.0700e-003		5.7100e-003	5.7100e-003	0.0000	17.3794	17.3794	4.1600e-003	0.0000	17.4835

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	7.2000e-004	0.0232	6.2700e-003	6.0000e-005	1.5600e-003	4.0000e-005	1.6000e-003	4.5000e-004	4.0000e-005	4.9000e-004	0.0000	6.0472	6.0472	3.6000e-004	0.0000	6.0562
Worker	2.5100e-003	1.8800e-003	0.0217	7.0000e-005	6.8200e-003	5.0000e-005	6.8800e-003	1.8100e-003	5.0000e-005	1.8600e-003	0.0000	5.9396	5.9396	1.6000e-004	0.0000	5.9437
Total	3.2300e-003	0.0251	0.0280	1.3000e-004	8.3800e-003	9.0000e-005	8.4800e-003	2.2600e-003	9.0000e-005	2.3500e-003	0.0000	11.9868	11.9868	5.2000e-004	0.0000	11.9999

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1691	1.5464	1.7462	2.9000e-003		0.0752	0.0752		0.0708	0.0708	0.0000	249.1901	249.1901	0.0593	0.0000	250.6721
Total	0.1691	1.5464	1.7462	2.9000e-003		0.0752	0.0752		0.0708	0.0708	0.0000	249.1901	249.1901	0.0593	0.0000	250.6721

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	7.6800e-003	0.2513	0.0806	8.6000e-004	0.0224	2.9000e-004	0.0226	6.4500e-003	2.8000e-004	6.7300e-003	0.0000	83.9631	83.9631	4.5800e-003	0.0000	84.0775
Worker	0.0339	0.0244	0.2859	9.1000e-004	0.0978	7.6000e-004	0.0985	0.0260	7.0000e-004	0.0267	0.0000	82.0191	82.0191	2.1100e-003	0.0000	82.0719
Total	0.0415	0.2757	0.3665	1.7700e-003	0.1201	1.0500e-003	0.1212	0.0324	9.8000e-004	0.0334	0.0000	165.9822	165.9822	6.6900e-003	0.0000	166.1494

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1691	1.5464	1.7462	2.9000e-003		0.0752	0.0752		0.0708	0.0708	0.0000	249.1898	249.1898	0.0593	0.0000	250.6718
Total	0.1691	1.5464	1.7462	2.9000e-003		0.0752	0.0752		0.0708	0.0708	0.0000	249.1898	249.1898	0.0593	0.0000	250.6718

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	7.6800e-003	0.2513	0.0806	8.6000e-004	0.0224	2.9000e-004	0.0226	6.4500e-003	2.8000e-004	6.7300e-003	0.0000	83.9631	83.9631	4.5800e-003	0.0000	84.0775
Worker	0.0339	0.0244	0.2859	9.1000e-004	0.0978	7.6000e-004	0.0985	0.0260	7.0000e-004	0.0267	0.0000	82.0191	82.0191	2.1100e-003	0.0000	82.0719
Total	0.0415	0.2757	0.3665	1.7700e-003	0.1201	1.0500e-003	0.1212	0.0324	9.8000e-004	0.0334	0.0000	165.9822	165.9822	6.6900e-003	0.0000	166.1494

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	4.1000e-004	4.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3789	1.3789	4.0000e-005	0.0000	1.3798
Total	5.7000e-004	4.1000e-004	4.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3789	1.3789	4.0000e-005	0.0000	1.3798

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	4.1000e-004	4.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3789	1.3789	4.0000e-005	0.0000	1.3798
Total	5.7000e-004	4.1000e-004	4.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3789	1.3789	4.0000e-005	0.0000	1.3798

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4761					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.4780	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.7 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	6.4000e-004	4.7000e-004	5.4500e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8800e-003	4.9000e-004	1.0000e-005	5.1000e-004	0.0000	1.5627	1.5627	4.0000e-005	0.0000	1.5637
Total	6.4000e-004	4.7000e-004	5.4500e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8800e-003	4.9000e-004	1.0000e-005	5.1000e-004	0.0000	1.5627	1.5627	4.0000e-005	0.0000	1.5637

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4761					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571
Total	0.4780	0.0130	0.0181	3.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	2.5533	2.5533	1.5000e-004	0.0000	2.5571

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

3.7 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	6.4000e-004	4.7000e-004	5.4500e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8800e-003	4.9000e-004	1.0000e-005	5.1000e-004	0.0000	1.5627	1.5627	4.0000e-005	0.0000	1.5637
Total	6.4000e-004	4.7000e-004	5.4500e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8800e-003	4.9000e-004	1.0000e-005	5.1000e-004	0.0000	1.5627	1.5627	4.0000e-005	0.0000	1.5637

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.1079	0.4914	1.4948	5.6700e-003	0.4843	4.3000e-003	0.4886	0.1298	4.0000e-003	0.1338	0.0000	524.5093	524.5093	0.0257	0.0000	525.1516
Unmitigated	0.1079	0.4914	1.4948	5.6700e-003	0.4843	4.3000e-003	0.4886	0.1298	4.0000e-003	0.1338	0.0000	524.5093	524.5093	0.0257	0.0000	525.1516

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	476.85	62.73	26.78	1,138,444	1,138,444
Manufacturing	0.00	30.55	12.71	27,364	27,364
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	90.06	90.06	110,283	110,283
Total	476.85	183.34	129.55	1,276,091	1,276,091

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Manufacturing	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Manufacturing	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Parking Lot	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862
Unrefrigerated Warehouse-No Rail	0.545842	0.044768	0.205288	0.119317	0.015350	0.006227	0.020460	0.031333	0.002546	0.002133	0.005184	0.000692	0.000862

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	447.8024	447.8024	0.0106	2.1900e-003	448.7189
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	447.8024	447.8024	0.0106	2.1900e-003	448.7189
NaturalGas Mitigated	3.6800e-003	0.0335	0.0281	2.0000e-004		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	36.4554	36.4554	7.0000e-004	6.7000e-004	36.6721
NaturalGas Unmitigated	3.6800e-003	0.0335	0.0281	2.0000e-004		2.5500e-003	2.5500e-003		2.5500e-003	2.5500e-003	0.0000	36.4554	36.4554	7.0000e-004	6.7000e-004	36.6721

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	265455	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1657	14.1657	2.7000e-004	2.6000e-004	14.2499
Manufacturing	371050	2.0000e-003	0.0182	0.0153	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	19.8006	19.8006	3.8000e-004	3.6000e-004	19.9183
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	46644.2	2.5000e-004	2.2900e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4891	2.4891	5.0000e-005	5.0000e-005	2.5039
Total		3.6800e-003	0.0335	0.0281	2.0000e-004		2.5400e-003	2.5400e-003		2.5400e-003	2.5400e-003	0.0000	36.4554	36.4554	7.0000e-004	6.7000e-004	36.6721

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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					
General Office Building	265455	1.4300e-003	0.0130	0.0109	8.0000e-005		9.9000e-004	9.9000e-004		9.9000e-004	9.9000e-004	0.0000	14.1657	14.1657	2.7000e-004	2.6000e-004	14.2499
Manufacturing	371050	2.0000e-003	0.0182	0.0153	1.1000e-004		1.3800e-003	1.3800e-003		1.3800e-003	1.3800e-003	0.0000	19.8006	19.8006	3.8000e-004	3.6000e-004	19.9183
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	46644.2	2.5000e-004	2.2900e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4891	2.4891	5.0000e-005	5.0000e-005	2.5039
Total		3.6800e-003	0.0335	0.0281	2.0000e-004		2.5400e-003	2.5400e-003		2.5400e-003	2.5400e-003	0.0000	36.4554	36.4554	7.0000e-004	6.7000e-004	36.6721

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	331245	184.4907	4.3600e-003	9.0000e-004	184.8683
Manufacturing	227550	126.7366	2.9900e-003	6.2000e-004	126.9960
Parking Lot	36120	20.1175	4.8000e-004	1.0000e-004	20.1586
Unrefrigerated Warehouse-No Rail	209095	116.4577	2.7500e-003	5.7000e-004	116.6960
Total		447.8024	0.0106	2.1900e-003	448.7189

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	331245	184.4907	4.3600e-003	9.0000e-004	184.8683
Manufacturing	227550	126.7366	2.9900e-003	6.2000e-004	126.9960
Parking Lot	36120	20.1175	4.8000e-004	1.0000e-004	20.1586
Unrefrigerated Warehouse-No Rail	209095	116.4577	2.7500e-003	5.7000e-004	116.6960
Total		447.8024	0.0106	2.1900e-003	448.7189

6.0 Area Detail**6.1 Mitigation Measures Area**

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003
Unmitigated	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003
Total	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003

Fallbrook Point Light Industrial Use - Los Angeles-South Coast 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	0.0476					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003
Total	0.4147	4.0000e-005	4.5600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.8700e-003	8.8700e-003	2.0000e-005	0.0000	9.4600e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	181.2197	0.7102	0.0175	204.1982
Unmitigated	181.2197	0.7102	0.0175	204.1982

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.53221 / 2.77781	51.4950	0.1489	3.7300e-003	56.3286
Manufacturing	4.74062 / 0	35.8839	0.1553	3.8200e-003	40.9031
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12.3973 / 0	93.8408	0.4061	9.9800e-003	106.9665
Total		181.2197	0.7102	0.0175	204.1982

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.53221 / 2.77781	51.4950	0.1489	3.7300e-003	56.3286
Manufacturing	4.74062 / 0	35.8839	0.1553	3.8200e-003	40.9031
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	12.3973 / 0	93.8408	0.4061	9.9800e-003	106.9665
Total		181.2197	0.7102	0.0175	204.1982

8.0 Waste Detail

8.1 Mitigation Measures Waste

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	20.2017	1.1939	0.0000	50.0488
Unmitigated	20.2017	1.1939	0.0000	50.0488

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.71	4.8129	0.2844	0.0000	11.9238
Manufacturing	25.42	5.1600	0.3050	0.0000	12.7838
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	50.39	10.2287	0.6045	0.0000	25.3412
Total		20.2017	1.1939	0.0000	50.0488

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.71	4.8129	0.2844	0.0000	11.9238
Manufacturing	25.42	5.1600	0.3050	0.0000	12.7838
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	50.39	10.2287	0.6045	0.0000	25.3412
Total		20.2017	1.1939	0.0000	50.0488

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Fallbrook Point Light Industrial Use - Los Angeles-South Coast County, Annual

Equipment Type	Number
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11.0 Vegetation
