

Appendix B

Air Quality and Greenhouse Gas Model Results



West Village - Los Angeles-South Coast County, Annual

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Fast Food Restaurant w/o Drive Thru	1.17	1000sqft	0.24	1,170.00	0
High Turnover (Sit Down Restaurant)	2.19	1000sqft	0.44	2,190.00	0
Condo/Townhouse High Rise	180.00	Dwelling Unit	30.65	182,550.00	515
Strip Mall	2.50	1000sqft	0.51	2,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Source: PD and project site plans. Fast food restaurant used as a proxy for coffee shop, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	153.00	0.00
tblFireplaces	NumberNoFireplace	18.00	0.00
tblFireplaces	NumberWood	9.00	0.00
tblLandUse	LandUseSquareFeet	180,000.00	182,550.00
tblLandUse	LotAcreage	0.03	0.24
tblLandUse	LotAcreage	0.05	0.44
tblLandUse	LotAcreage	2.81	30.65
tblLandUse	LotAcreage	0.06	0.51
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	716.00	818.58
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1597	1.8019	1.1314	2.1200e-003	0.9019	0.0787	0.9806	0.1863	0.0724	0.2587	0.0000	190.7665	190.7665	0.0584	0.0000	192.2264
2020	0.5951	6.5856	4.2944	8.4200e-003	1.5136	0.2850	1.7986	0.5164	0.2622	0.7786	0.0000	740.5036	740.5036	0.2317	0.0000	746.2957
2021	0.8411	8.1054	7.1343	0.0148	1.5769	0.3598	1.9367	0.4783	0.3330	0.8113	0.0000	1,311.5191	1,311.5191	0.3064	0.0000	1,319.1800
2022	0.7694	4.2486	5.3866	0.0115	0.3809	0.1882	0.5692	0.1021	0.1758	0.2779	0.0000	1,028.3827	1,028.3827	0.1748	0.0000	1,032.7520
2023	0.7421	2.9242	4.1009	8.8600e-003	0.3073	0.1274	0.4347	0.0823	0.1192	0.2015	0.0000	789.9604	789.9604	0.1304	0.0000	793.2214
Maximum	0.8411	8.1054	7.1343	0.0148	1.5769	0.3598	1.9367	0.5164	0.3330	0.8113	0.0000	1,311.5191	1,311.5191	0.3064	0.0000	1,319.1800

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1597	1.8019	1.1314	2.1200e-003	0.4098	0.0787	0.4885	0.0849	0.0724	0.1573	0.0000	190.7663	190.7663	0.0584	0.0000	192.2262
2020	0.5951	6.5856	4.2944	8.4200e-003	0.6969	0.2850	0.9819	0.2366	0.2622	0.4988	0.0000	740.5028	740.5028	0.2317	0.0000	746.2948
2021	0.8411	8.1054	7.1343	0.0148	0.8679	0.3598	1.2277	0.2577	0.3330	0.5906	0.0000	1,311.5179	1,311.5179	0.3064	0.0000	1,319.1788
2022	0.7694	4.2486	5.3866	0.0115	0.3809	0.1882	0.5692	0.1021	0.1758	0.2779	0.0000	1,028.3820	1,028.3820	0.1748	0.0000	1,032.7513
2023	0.7421	2.9242	4.1009	8.8600e-003	0.3073	0.1274	0.4347	0.0823	0.1192	0.2015	0.0000	789.9599	789.9599	0.1304	0.0000	793.2209
Maximum	0.8411	8.1054	7.1343	0.0148	0.8679	0.3598	1.2277	0.2577	0.3330	0.5906	0.0000	1,311.5179	1,311.5179	0.3064	0.0000	1,319.1788

	ROG	NOx	CO	SO2	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	43.11	0.00	35.28	44.08	0.00	25.86	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	9-4-2019	12-3-2019	1.3589	1.3589
4	12-4-2019	3-3-2020	1.8280	1.8280
5	3-4-2020	6-3-2020	1.8009	1.8009
6	6-4-2020	9-3-2020	1.8007	1.8007
7	9-4-2020	12-3-2020	1.7816	1.7816
8	12-4-2020	3-3-2021	1.6720	1.6720

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9	3-4-2021	6-3-2021	2.5795	2.5795
10	6-4-2021	9-3-2021	2.9784	2.9784
11	9-4-2021	12-3-2021	1.8628	1.8628
12	12-4-2021	3-3-2022	1.1925	1.1925
13	3-4-2022	6-3-2022	1.1711	1.1711
14	6-4-2022	9-3-2022	1.3015	1.3015
15	9-4-2022	12-3-2022	1.3430	1.3430
16	12-4-2022	3-3-2023	1.2474	1.2474
17	3-4-2023	6-3-2023	1.2329	1.2329
18	6-4-2023	9-3-2023	1.2312	1.2312
19	9-4-2023	9-30-2023	0.3479	0.3479
		Highest	2.9784	2.9784

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2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052
Energy	0.0158	0.1377	0.0764	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	447.5795	447.5795	0.0150	5.3600e-003	449.5510
Mobile	0.5181	2.3634	6.3187	0.0240	2.0590	0.0185	2.0776	0.5519	0.0172	0.5691	0.0000	2,222.2677	2,222.2677	0.1091	0.0000	2,224.9939
Waste						0.0000	0.0000		0.0000	0.0000	25.3739	0.0000	25.3739	1.4996	0.0000	62.8627
Water						0.0000	0.0000		0.0000	0.0000	4.1030	81.9781	86.0810	0.4248	0.0107	99.8750
Total	1.3428	2.5225	8.2508	0.0250	2.0590	0.0397	2.0988	0.5519	0.0384	0.5903	29.4768	2,754.8577	2,784.3346	2.0513	0.0160	2,840.3877

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052
Energy	0.0158	0.1377	0.0764	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	447.5795	447.5795	0.0150	5.3600e-003	449.5510
Mobile	0.4599	2.0495	4.8936	0.0176	1.4701	0.0139	1.4840	0.3940	0.0129	0.4069	0.0000	1,634.0923	1,634.0923	0.0837	0.0000	1,636.1841
Waste						0.0000	0.0000		0.0000	0.0000	25.3739	0.0000	25.3739	1.4996	0.0000	62.8627
Water						0.0000	0.0000		0.0000	0.0000	4.1030	81.9781	86.0810	0.4248	0.0107	99.8750
Total	1.2847	2.2087	6.8257	0.0186	1.4701	0.0351	1.5052	0.3940	0.0341	0.4281	29.4768	2,166.6824	2,196.1592	2.0260	0.0160	2,251.5779

	ROG	NOx	CO	SO2	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	4.33	12.44	17.27	25.51	28.60	11.73	28.28	28.60	11.27	27.47	0.00	21.35	21.12	1.24	0.00	20.73

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 369,664; Residential Outdoor: 123,221; Non-Residential Indoor: 8,790; Non-Residential Outdoor: 2,930; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	204.00	48.00	0.00	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
Architectural Coating	1	41.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8947	0.0000	0.8947	0.1844	0.0000	0.1844	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1564	1.7992	1.1014	2.0500e-003		0.0786	0.0786		0.0723	0.0723	0.0000	183.8144	183.8144	0.0582	0.0000	185.2683
Total	0.1564	1.7992	1.1014	2.0500e-003	0.8947	0.0786	0.9733	0.1844	0.0723	0.2567	0.0000	183.8144	183.8144	0.0582	0.0000	185.2683

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581
Total	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581

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3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4026	0.0000	0.4026	0.0830	0.0000	0.0830	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1564	1.7992	1.1014	2.0500e-003		0.0786	0.0786		0.0723	0.0723	0.0000	183.8141	183.8141	0.0582	0.0000	185.2681
Total	0.1564	1.7992	1.1014	2.0500e-003	0.4026	0.0786	0.4812	0.0830	0.0723	0.1553	0.0000	183.8141	183.8141	0.0582	0.0000	185.2681

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581
Total	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581

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3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4849	0.0000	1.4849	0.5088	0.0000	0.5088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5830	6.5759	4.1865	8.1200e-003		0.2848	0.2848		0.2620	0.2620	0.0000	713.7442	713.7442	0.2308	0.0000	719.5152
Total	0.5830	6.5759	4.1865	8.1200e-003	1.4849	0.2848	1.7696	0.5088	0.2620	0.7708	0.0000	713.7442	713.7442	0.2308	0.0000	719.5152

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805
Total	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805

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3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6682	0.0000	0.6682	0.2290	0.0000	0.2290	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5830	6.5759	4.1865	8.1200e-003		0.2848	0.2848		0.2620	0.2620	0.0000	713.7434	713.7434	0.2308	0.0000	719.5144
Total	0.5830	6.5759	4.1865	8.1200e-003	0.6682	0.2848	0.9530	0.2290	0.2620	0.4910	0.0000	713.7434	713.7434	0.2308	0.0000	719.5144

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805
Total	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805

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3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2891	0.0000	1.2891	0.4012	0.0000	0.4012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4128	4.5704	3.0415	6.1100e-003		0.1956	0.1956		0.1799	0.1799	0.0000	536.7756	536.7756	0.1736	0.0000	541.1157
Total	0.4128	4.5704	3.0415	6.1100e-003	1.2891	0.1956	1.4847	0.4012	0.1799	0.5811	0.0000	536.7756	536.7756	0.1736	0.0000	541.1157

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960
Total	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5801	0.0000	0.5801	0.1805	0.0000	0.1805	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4128	4.5704	3.0415	6.1100e-003		0.1956	0.1956		0.1799	0.1799	0.0000	536.7749	536.7749	0.1736	0.0000	541.1150
Total	0.4128	4.5704	3.0415	6.1100e-003	0.5801	0.1956	0.7757	0.1805	0.1799	0.3605	0.0000	536.7749	536.7749	0.1736	0.0000	541.1150

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960
Total	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0147	0.4666	0.1265	1.2000e-003	0.0298	9.5000e-004	0.0307	8.6000e-003	9.1000e-004	9.5100e-003	0.0000	116.5436	116.5436	7.1500e-003	0.0000	116.7223
Worker	0.0865	0.0673	0.7599	2.2000e-003	0.2202	1.8100e-003	0.2220	0.0585	1.6700e-003	0.0602	0.0000	198.7130	198.7130	5.8500e-003	0.0000	198.8592
Total	0.1011	0.5339	0.8864	3.4000e-003	0.2500	2.7600e-003	0.2527	0.0671	2.5800e-003	0.0697	0.0000	315.2566	315.2566	0.0130	0.0000	315.5815

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0147	0.4666	0.1265	1.2000e-003	0.0298	9.5000e-004	0.0307	8.6000e-003	9.1000e-004	9.5100e-003	0.0000	116.5436	116.5436	7.1500e-003	0.0000	116.7223
Worker	0.0865	0.0673	0.7599	2.2000e-003	0.2202	1.8100e-003	0.2220	0.0585	1.6700e-003	0.0602	0.0000	198.7130	198.7130	5.8500e-003	0.0000	198.8592
Total	0.1011	0.5339	0.8864	3.4000e-003	0.2500	2.7600e-003	0.2527	0.0671	2.5800e-003	0.0697	0.0000	315.2566	315.2566	0.0130	0.0000	315.5815

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0182	0.5851	0.1580	1.5700e-003	0.0393	1.1000e-003	0.0404	0.0113	1.0500e-003	0.0124	0.0000	152.4629	152.4629	9.1100e-003	0.0000	152.6905
Worker	0.1070	0.0802	0.9240	2.8000e-003	0.2906	2.3200e-003	0.2929	0.0772	2.1400e-003	0.0793	0.0000	253.0419	253.0419	6.9700e-003	0.0000	253.2161
Total	0.1252	0.6653	1.0820	4.3700e-003	0.3299	3.4200e-003	0.3333	0.0885	3.1900e-003	0.0917	0.0000	405.5047	405.5047	0.0161	0.0000	405.9066

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3.3 Building Construction - 2022**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0182	0.5851	0.1580	1.5700e-003	0.0393	1.1000e-003	0.0404	0.0113	1.0500e-003	0.0124	0.0000	152.4629	152.4629	9.1100e-003	0.0000	152.6905
Worker	0.1070	0.0802	0.9240	2.8000e-003	0.2906	2.3200e-003	0.2929	0.0772	2.1400e-003	0.0793	0.0000	253.0419	253.0419	6.9700e-003	0.0000	253.2161
Total	0.1252	0.6653	1.0820	4.3700e-003	0.3299	3.4200e-003	0.3333	0.0885	3.1900e-003	0.0917	0.0000	405.5047	405.5047	0.0161	0.0000	405.9066

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0101	0.3315	0.1063	1.1400e-003	0.0295	3.9000e-004	0.0299	8.5100e-003	3.7000e-004	8.8800e-003	0.0000	110.7674	110.7674	6.0400e-003	0.0000	110.9183
Worker	0.0755	0.0544	0.6373	2.0200e-003	0.2180	1.6900e-003	0.2197	0.0579	1.5600e-003	0.0595	0.0000	182.8367	182.8367	4.7100e-003	0.0000	182.9544
Total	0.0856	0.3860	0.7436	3.1600e-003	0.2474	2.0800e-003	0.2495	0.0664	1.9300e-003	0.0683	0.0000	293.6041	293.6041	0.0108	0.0000	293.8727

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0101	0.3315	0.1063	1.1400e-003	0.0295	3.9000e-004	0.0299	8.5100e-003	3.7000e-004	8.8800e-003	0.0000	110.7674	110.7674	6.0400e-003	0.0000	110.9183
Worker	0.0755	0.0544	0.6373	2.0200e-003	0.2180	1.6900e-003	0.2197	0.0579	1.5600e-003	0.0595	0.0000	182.8367	182.8367	4.7100e-003	0.0000	182.9544
Total	0.0856	0.3860	0.7436	3.1600e-003	0.2474	2.0800e-003	0.2495	0.0664	1.9300e-003	0.0683	0.0000	293.6041	293.6041	0.0108	0.0000	293.8727

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1251	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1251	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634
Paving	1.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1453	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631
Paving	1.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1453	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407
Paving	1.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1021	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405
Paving	1.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1021	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2448					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.2583	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0109	8.1900e-003	0.0943	2.9000e-004	0.0297	2.4000e-004	0.0299	7.8800e-003	2.2000e-004	8.0900e-003	0.0000	25.8194	25.8194	7.1000e-004	0.0000	25.8372
Total	0.0109	8.1900e-003	0.0943	2.9000e-004	0.0297	2.4000e-004	0.0299	7.8800e-003	2.2000e-004	8.0900e-003	0.0000	25.8194	25.8194	7.1000e-004	0.0000	25.8372

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3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2448					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.2583	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0109	8.1900e-003	0.0943	2.9000e-004	0.0297	2.4000e-004	0.0299	7.8800e-003	2.2000e-004	8.0900e-003	0.0000	25.8194	25.8194	7.1000e-004	0.0000	25.8372
Total	0.0109	8.1900e-003	0.0943	2.9000e-004	0.0297	2.4000e-004	0.0299	7.8800e-003	2.2000e-004	8.0900e-003	0.0000	25.8194	25.8194	7.1000e-004	0.0000	25.8372

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3.5 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	0.3617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315
Total	0.3804	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0152	0.0109	0.1281	4.1000e-004	0.0438	3.4000e-004	0.0441	0.0116	3.1000e-004	0.0120	0.0000	36.7466	36.7466	9.5000e-004	0.0000	36.7703
Total	0.0152	0.0109	0.1281	4.1000e-004	0.0438	3.4000e-004	0.0441	0.0116	3.1000e-004	0.0120	0.0000	36.7466	36.7466	9.5000e-004	0.0000	36.7703

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3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3617					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314
Total	0.3804	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0152	0.0109	0.1281	4.1000e-004	0.0438	3.4000e-004	0.0441	0.0116	3.1000e-004	0.0120	0.0000	36.7466	36.7466	9.5000e-004	0.0000	36.7703
Total	0.0152	0.0109	0.1281	4.1000e-004	0.0438	3.4000e-004	0.0441	0.0116	3.1000e-004	0.0120	0.0000	36.7466	36.7466	9.5000e-004	0.0000	36.7703

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4599	2.0495	4.8936	0.0176	1.4701	0.0139	1.4840	0.3940	0.0129	0.4069	0.0000	1,634.0923	1,634.0923	0.0837	0.0000	1,636.1841
Unmitigated	0.5181	2.3634	6.3187	0.0240	2.0590	0.0185	2.0776	0.5519	0.0172	0.5691	0.0000	2,222.2677	2,222.2677	0.1091	0.0000	2,224.9939

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,045.80	775.80	617.40	3,232,723	2,308,105
Fast Food Restaurant w/o Drive Thru	957.74	814.32	585.00	1,600,966	1,143,060
High Turnover (Sit Down Restaurant)	278.46	346.83	288.73	394,803	281,882
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	106.75	105.10	51.08	187,521	133,887
Total	2,390.55	2,050.24	1,548.23	5,425,557	3,873,748

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Fast Food Restaurant w/o Drive Thru	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	291.0497	291.0497	0.0120	2.4900e-003	292.0910
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	291.0497	291.0497	0.0120	2.4900e-003	292.0910
NaturalGas Mitigated	0.0158	0.1377	0.0764	8.6000e-004			0.0109	0.0109		0.0109	0.0000	156.5298	156.5298	3.0000e-003	2.8700e-003	157.4600
NaturalGas Unmitigated	0.0158	0.1377	0.0764	8.6000e-004			0.0109	0.0109		0.0109	0.0000	156.5298	156.5298	3.0000e-003	2.8700e-003	157.4600

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.05694e+006	0.0111	0.0948	0.0403	6.0000e-004		7.6600e-003	7.6600e-003		7.6600e-003	7.6600e-003	0.0000	109.7663	109.7663	2.1000e-003	2.0100e-003	110.4186
Fast Food Restaurant w/o Drive Thru	303404	1.6400e-003	0.0149	0.0125	9.0000e-005		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	16.1908	16.1908	3.1000e-004	3.0000e-004	16.2870
High Turnover (Sit Down Restaurant)	567911	3.0600e-003	0.0278	0.0234	1.7000e-004		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	30.3059	30.3059	5.8000e-004	5.6000e-004	30.4860
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	5000	3.0000e-005	2.5000e-004	2.1000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2668	0.2668	1.0000e-005	0.0000	0.2684
Total		0.0158	0.1377	0.0764	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.5298	156.5298	3.0000e-003	2.8700e-003	157.4600

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.05694e+006	0.0111	0.0948	0.0403	6.0000e-004		7.6600e-003	7.6600e-003		7.6600e-003	7.6600e-003	0.0000	109.7663	109.7663	2.1000e-003	2.0100e-003	110.4186
Fast Food Restaurant w/o Drive Thru	303404	1.6400e-003	0.0149	0.0125	9.0000e-005		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	16.1908	16.1908	3.1000e-004	3.0000e-004	16.2870
High Turnover (Sit Down Restaurant)	567911	3.0600e-003	0.0278	0.0234	1.7000e-004		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	30.3059	30.3059	5.8000e-004	5.6000e-004	30.4860
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	5000	3.0000e-005	2.5000e-004	2.1000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2668	0.2668	1.0000e-005	0.0000	0.2684
Total		0.0158	0.1377	0.0764	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	156.5298	156.5298	3.0000e-003	2.8700e-003	157.4600

West Village - 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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	762293	242.8828	0.0100	2.0700e-003	243.7517
Fast Food Restaurant w/o Drive Thru	42681.6	13.5993	5.6000e-004	1.2000e-004	13.6479
High Turnover (Sit Down Restaurant)	79891.2	25.4551	1.0500e-003	2.2000e-004	25.5461
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	28600	9.1126	3.8000e-004	8.0000e-005	9.1452
Total		291.0497	0.0120	2.4900e-003	292.0909

West Village - 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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	762293	242.8828	0.0100	2.0700e-003	243.7517
Fast Food Restaurant w/o Drive Thru	42681.6	13.5993	5.6000e-004	1.2000e-004	13.6479
High Turnover (Sit Down Restaurant)	79891.2	25.4551	1.0500e-003	2.2000e-004	25.5461
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	28600	9.1126	3.8000e-004	8.0000e-005	9.1452
Total		291.0497	0.0120	2.4900e-003	292.0909

6.0 Area Detail**6.1 Mitigation Measures Area**

Use only Natural Gas Hearths

West Village - 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	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052
Unmitigated	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052

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	0.0620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6911					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0558	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052
Total	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052

West Village - 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	0.0620					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6911					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0558	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052
Total	0.8089	0.0214	1.8556	1.0000e-004		0.0103	0.0103		0.0103	0.0103	0.0000	3.0324	3.0324	2.9100e-003	0.0000	3.1052

7.0 Water Detail

7.1 Mitigation Measures Water

West Village - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	86.0810	0.4248	0.0107	99.8750
Unmitigated	86.0810	0.4248	0.0107	99.8750

West Village - Los Angeles-South Coast County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.428933	1.5184	6.0000e-005	1.0000e-005	1.5238
Condo/Townhouse High Rise	11.7277 / 7.39357	78.5487	0.3852	9.6600e-003	91.0590
Fast Food Restaurant w/o Drive Thru	0.355134 / 0.0226682	1.6663	0.0116	2.9000e-004	2.0426
High Turnover (Sit Down Restaurant)	0.664739 / 0.0424301	3.1189	0.0218	5.4000e-004	3.8233
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.185181 / 0.113498	1.2288	6.0800e-003	1.5000e-004	1.4263
Total		86.0810	0.4248	0.0107	99.8750

West Village - 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			
City Park	0 / 0.428933	1.5184	6.0000e-005	1.0000e-005	1.5238
Condo/Townhouse High Rise	11.7277 / 7.39357	78.5487	0.3852	9.6600e-003	91.0590
Fast Food Restaurant w/o Drive Thru	0.355134 / 0.0226682	1.6663	0.0116	2.9000e-004	2.0426
High Turnover (Sit Down Restaurant)	0.664739 / 0.0424301	3.1189	0.0218	5.4000e-004	3.8233
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.185181 / 0.113498	1.2288	6.0800e-003	1.5000e-004	1.4263
Total		86.0810	0.4248	0.0107	99.8750

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Village - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	25.3739	1.4996	0.0000	62.8627
Unmitigated	25.3739	1.4996	0.0000	62.8627

West Village - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Condo/Townhouse High Rise	82.8	16.8077	0.9933	0.0000	41.6403
Fast Food Restaurant w/o Drive Thru	13.48	2.7363	0.1617	0.0000	6.7791
High Turnover (Sit Down Restaurant)	26.06	5.2899	0.3126	0.0000	13.1056
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	2.63	0.5339	0.0316	0.0000	1.3226
Total		25.3739	1.4996	0.0000	62.8627

West Village - 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			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Condo/Townhouse High Rise	82.8	16.8077	0.9933	0.0000	41.6403
Fast Food Restaurant w/o Drive Thru	13.48	2.7363	0.1617	0.0000	6.7791
High Turnover (Sit Down Restaurant)	26.06	5.2899	0.3126	0.0000	13.1056
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	2.63	0.5339	0.0316	0.0000	1.3226
Total		25.3739	1.4996	0.0000	62.8627

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

West Village - Los Angeles-South Coast County, Annual

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

West Village - Los Angeles-South Coast County, Winter

West Village
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Fast Food Restaurant w/o Drive Thru	1.17	1000sqft	0.24	1,170.00	0
High Turnover (Sit Down Restaurant)	2.19	1000sqft	0.44	2,190.00	0
Condo/Townhouse High Rise	180.00	Dwelling Unit	30.65	182,550.00	515
Strip Mall	2.50	1000sqft	0.51	2,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Source: PD and project site plans. Fast food restaurant used as a proxy for coffee shop, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

West Village - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	153.00	0.00
tblFireplaces	NumberNoFireplace	18.00	0.00
tblFireplaces	NumberWood	9.00	0.00
tblLandUse	LandUseSquareFeet	180,000.00	182,550.00
tblLandUse	LotAcreage	0.03	0.24
tblLandUse	LotAcreage	0.05	0.44
tblLandUse	LotAcreage	2.81	30.65
tblLandUse	LotAcreage	0.06	0.51
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	716.00	818.58
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

West Village - Los Angeles-South Coast County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8497	54.6015	34.2617	0.0643	8.8969	2.3846	11.2815	3.6558	2.1938	5.8496	0.0000	6,368.4456	6,368.4456	1.9505	0.0000	6,417.2080
2020	4.5523	50.2700	32.7603	0.0642	8.8969	2.1758	11.0727	3.6558	2.0017	5.6575	0.0000	6,227.3494	6,227.3494	1.9494	0.0000	6,276.0843
2021	8.6549	82.1812	72.2559	0.1495	11.6521	3.6531	15.3052	4.3935	3.3806	7.7740	0.0000	14,613.5568	14,613.5568	3.4309	0.0000	14,699.3299
2022	8.0458	33.3346	42.8517	0.0916	3.2135	1.4900	4.7035	0.8592	1.3945	2.2537	0.0000	9,005.1799	9,005.1799	1.4983	0.0000	9,042.6366
2023	7.7250	29.9196	41.8788	0.0902	3.2135	1.3069	4.5204	0.8592	1.2229	2.0821	0.0000	8,868.0739	8,868.0739	1.4757	0.0000	8,904.9669
Maximum	8.6549	82.1812	72.2559	0.1495	11.6521	3.6531	15.3052	4.3935	3.3806	7.7740	0.0000	14,613.5568	14,613.5568	3.4309	0.0000	14,699.3299

West Village - 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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Energy	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
Mobile	3.2435	14.1628	38.0043	0.1440	12.7735	0.1133	12.8868	3.4180	0.1053	3.5233		14,687.63 29	14,687.63 29	0.7362		14,706.03 69
Total	7.9033	15.0885	53.2680	0.1495	12.7735	0.2554	13.0289	3.4180	0.2474	3.6654	0.0000	15,659.82 42	15,659.82 42	0.7799	0.0173	15,684.48 81

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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Energy	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
Mobile	2.8926	12.2934	29.5612	0.1057	9.1201	0.0849	9.2049	2.4404	0.0789	2.5193		10,787.55 65	10,787.55 65	0.5668		10,801.72 74
Total	7.5523	13.2192	44.8249	0.1112	9.1201	0.2270	9.3471	2.4404	0.2210	2.6614	0.0000	11,759.74 79	11,759.74 79	0.6106	0.0173	11,780.17 87

West Village - 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	4.44	12.39	15.85	25.62	28.60	11.12	28.26	28.60	10.67	27.39	0.00	24.90	24.90	21.71	0.00	24.89

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 369,664; Residential Outdoor: 123,221; Non-Residential Indoor: 8,790; Non-Residential Outdoor: 2,930; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	204.00	48.00	0.00	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
Architectural Coating	1	41.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	3.9030	2.3827	6.2857	1.6184	2.1920	3.8105	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.6733	2.1739	10.8472	3.5965	2.0000	5.5965		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	3.9030	2.1739	6.0769	1.6184	2.0000	3.6184	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080

West Village - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9030	1.9853	5.8883	1.6184	1.8265	3.4449	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1532	4.6507	1.3477	0.0120	0.3073	9.8300e-003	0.3171	0.0885	9.4100e-003	0.0979		1,283.2585	1,283.2585	0.0828		1,285.3296
Worker	0.9727	0.6653	7.5124	0.0220	2.2802	0.0184	2.2987	0.6047	0.0170	0.6217		2,187.3922	2,187.3922	0.0644		2,189.0014
Total	1.1259	5.3160	8.8601	0.0340	2.5875	0.0283	2.6158	0.6932	0.0264	0.7196		3,470.6507	3,470.6507	0.1472		3,474.3310

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1532	4.6507	1.3477	0.0120	0.3073	9.8300e-003	0.3171	0.0885	9.4100e-003	0.0979		1,283.2585	1,283.2585	0.0828		1,285.3296
Worker	0.9727	0.6653	7.5124	0.0220	2.2802	0.0184	2.2987	0.6047	0.0170	0.6217		2,187.3922	2,187.3922	0.0644		2,189.0014
Total	1.1259	5.3160	8.8601	0.0340	2.5875	0.0283	2.6158	0.6932	0.0264	0.7196		3,470.6507	3,470.6507	0.1472		3,474.3310

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1438	4.4198	1.2757	0.0119	0.3073	8.6000e-003	0.3159	0.0885	8.2300e-003	0.0967		1,271.8573	1,271.8573	0.0799		1,273.8557
Worker	0.9136	0.6009	6.9192	0.0212	2.2802	0.0179	2.2981	0.6047	0.0164	0.6212		2,110.5217	2,110.5217	0.0581		2,111.9745
Total	1.0574	5.0207	8.1949	0.0331	2.5876	0.0265	2.6140	0.6932	0.0247	0.7179		3,382.3790	3,382.3790	0.1380		3,385.8302

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1438	4.4198	1.2757	0.0119	0.3073	8.6000e-003	0.3159	0.0885	8.2300e-003	0.0967		1,271.8573	1,271.8573	0.0799		1,273.8557
Worker	0.9136	0.6009	6.9192	0.0212	2.2802	0.0179	2.2981	0.6047	0.0164	0.6212		2,110.5217	2,110.5217	0.0581		2,111.9745
Total	1.0574	5.0207	8.1949	0.0331	2.5876	0.0265	2.6140	0.6932	0.0247	0.7179		3,382.3790	3,382.3790	0.1380		3,385.8302

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1068	3.3475	1.1336	0.0115	0.3073	4.0800e-003	0.3114	0.0885	3.9000e-003	0.0924		1,232.3583	1,232.3583	0.0704		1,234.1175
Worker	0.8607	0.5435	6.3600	0.0204	2.2802	0.0173	2.2976	0.6047	0.0160	0.6207		2,033.3100	2,033.3100	0.0523		2,034.6181
Total	0.9675	3.8909	7.4936	0.0319	2.5876	0.0214	2.6090	0.6932	0.0199	0.7131		3,265.6683	3,265.6683	0.1227		3,268.7356

West Village - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1068	3.3475	1.1336	0.0115	0.3073	4.0800e-003	0.3114	0.0885	3.9000e-003	0.0924		1,232.3583	1,232.3583	0.0704		1,234.1175
Worker	0.8607	0.5435	6.3600	0.0204	2.2802	0.0173	2.2976	0.6047	0.0160	0.6207		2,033.3100	2,033.3100	0.0523		2,034.6181
Total	0.9675	3.8909	7.4936	0.0319	2.5876	0.0214	2.6090	0.6932	0.0199	0.7131		3,265.6683	3,265.6683	0.1227		3,268.7356

West Village - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0672	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

West Village - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	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	0.0672	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

West Village - Los Angeles-South Coast County, Winter

3.4 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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Unmitigated Construction Off-Site

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

West Village - Los Angeles-South Coast County, Winter

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Mitigated Construction Off-Site

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

West Village - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.9141	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1836	0.1208	1.3906	4.2600e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		424.1735	424.1735	0.0117		424.4655
Total	0.1836	0.1208	1.3906	4.2600e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		424.1735	424.1735	0.0117		424.4655

West Village - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.9141	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1836	0.1208	1.3906	4.2600e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		424.1735	424.1735	0.0117		424.4655
Total	0.1836	0.1208	1.3906	4.2600e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		424.1735	424.1735	0.0117		424.4655

West Village - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					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	3.9012	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1730	0.1092	1.2782	4.1000e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		408.6554	408.6554	0.0105		408.9184
Total	0.1730	0.1092	1.2782	4.1000e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		408.6554	408.6554	0.0105		408.9184

West Village - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					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	3.9012	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1730	0.1092	1.2782	4.1000e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		408.6554	408.6554	0.0105		408.9184
Total	0.1730	0.1092	1.2782	4.1000e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		408.6554	408.6554	0.0105		408.9184

4.0 Operational Detail - Mobile

West Village - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.8926	12.2934	29.5612	0.1057	9.1201	0.0849	9.2049	2.4404	0.0789	2.5193		10,787.55 65	10,787.55 65	0.5668		10,801.72 74
Unmitigated	3.2435	14.1628	38.0043	0.1440	12.7735	0.1133	12.8868	3.4180	0.1053	3.5233		14,687.63 29	14,687.63 29	0.7362		14,706.03 69

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,045.80	775.80	617.40	3,232,723	2,308,105
Fast Food Restaurant w/o Drive Thru	957.74	814.32	585.00	1,600,966	1,143,060
High Turnover (Sit Down Restaurant)	278.46	346.83	288.73	394,803	281,882
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	106.75	105.10	51.08	187,521	133,887
Total	2,390.55	2,050.24	1,548.23	5,425,557	3,873,748

4.3 Trip Type Information

West Village - Los Angeles-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Fast Food Restaurant w/o Drive Thru	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village - 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					
NaturalGas Mitigated	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
NaturalGas Unmitigated	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

West Village - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5635.46	0.0608	0.5194	0.2210	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.9953	662.9953	0.0127	0.0122	666.9351
Fast Food Restaurant w/o Drive Thru	831.245	8.9600e-003	0.0815	0.0685	4.9000e-004		6.1900e-003	6.1900e-003		6.1900e-003	6.1900e-003		97.7935	97.7935	1.8700e-003	1.7900e-003	98.3747
High Turnover (Sit Down Restaurant)	1555.92	0.0168	0.1525	0.1281	9.2000e-004		0.0116	0.0116		0.0116	0.0116		183.0494	183.0494	3.5100e-003	3.3600e-003	184.1372
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	13.6986	1.5000e-004	1.3400e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.6116	1.6116	3.0000e-005	3.0000e-005	1.6212
Total		0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

West Village - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.63546	0.0608	0.5194	0.2210	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.9953	662.9953	0.0127	0.0122	666.9351
Fast Food Restaurant w/o Drive Thru	0.831245	8.9600e-003	0.0815	0.0685	4.9000e-004		6.1900e-003	6.1900e-003		6.1900e-003	6.1900e-003		97.7935	97.7935	1.8700e-003	1.7900e-003	98.3747
High Turnover (Sit Down Restaurant)	1.55592	0.0168	0.1525	0.1281	9.2000e-004		0.0116	0.0116		0.0116	0.0116		183.0494	183.0494	3.5100e-003	3.3600e-003	184.1372
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0136986	1.5000e-004	1.3400e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.6116	1.6116	3.0000e-005	3.0000e-005	1.6212
Total		0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village - 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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Unmitigated	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

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	0.3398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4464	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823		26.7416	26.7416	0.0257		27.3831
Total	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

West Village - 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	0.3398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4464	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823		26.7416	26.7416	0.0257		27.3831
Total	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

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

West Village - Los Angeles-South Coast County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

West Village - Los Angeles-South Coast County, Summer

West Village
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Fast Food Restaurant w/o Drive Thru	1.17	1000sqft	0.24	1,170.00	0
High Turnover (Sit Down Restaurant)	2.19	1000sqft	0.44	2,190.00	0
Condo/Townhouse High Rise	180.00	Dwelling Unit	30.65	182,550.00	515
Strip Mall	2.50	1000sqft	0.51	2,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Source: PD and project site plans. Fast food restaurant used as a proxy for coffee shop, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

West Village - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	153.00	0.00
tblFireplaces	NumberNoFireplace	18.00	0.00
tblFireplaces	NumberWood	9.00	0.00
tblLandUse	LandUseSquareFeet	180,000.00	182,550.00
tblLandUse	LotAcreage	0.03	0.24
tblLandUse	LotAcreage	0.05	0.44
tblLandUse	LotAcreage	2.81	30.65
tblLandUse	LotAcreage	0.06	0.51
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	716.00	818.58
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.00	0.00
tblWoodstoves	NumberNoncatalytic	9.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

West Village - Los Angeles-South Coast County, Summer

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8388	54.5936	34.3411	0.0644	8.8969	2.3846	11.2815	3.6558	2.1938	5.8496	0.0000	6,382.610 1	6,382.610 1	1.9510	0.0000	6,431.384 3
2020	4.5421	50.2630	32.8340	0.0644	8.8969	2.1758	11.0727	3.6558	2.0017	5.6575	0.0000	6,241.087 8	6,241.087 8	1.9498	0.0000	6,289.833 7
2021	8.5325	82.1155	72.9515	0.1514	11.6521	3.6528	15.3049	4.3935	3.3803	7.7738	0.0000	14,808.70 52	14,808.70 52	3.4306	0.0000	14,894.47 01
2022	7.9185	33.2728	43.5719	0.0936	3.2135	1.4897	4.7032	0.8592	1.3943	2.2535	0.0000	9,208.026 2	9,208.026 2	1.4982	0.0000	9,245.480 6
2023	7.6032	29.8683	42.5779	0.0921	3.2135	1.3067	4.5202	0.8592	1.2227	2.0819	0.0000	9,063.050 9	9,063.050 9	1.4763	0.0000	9,099.957 5
Maximum	8.5325	82.1155	72.9515	0.1514	11.6521	3.6528	15.3049	4.3935	3.3803	7.7738	0.0000	14,808.70 52	14,808.70 52	3.4306	0.0000	14,894.47 01

West Village - 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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Energy	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
Mobile	3.3529	13.9201	39.6640	0.1514	12.7735	0.1127	12.8862	3.4180	0.1047	3.5227		15,438.0151	15,438.0151	0.7342		15,456.3698
Total	8.0126	14.8459	54.9277	0.1569	12.7735	0.2548	13.0283	3.4180	0.2469	3.6649	0.0000	16,410.2064	16,410.2064	0.7780	0.0173	16,434.8210

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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Energy	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
Mobile	2.9936	12.1606	30.3484	0.1112	9.1201	0.0843	9.2043	2.4404	0.0783	2.5187		11,354.9195	11,354.9195	0.5607		11,368.9374
Total	7.6534	13.0863	45.6121	0.1168	9.1201	0.2264	9.3465	2.4404	0.2204	2.6608	0.0000	12,327.1108	12,327.1108	0.6045	0.0173	12,347.3887

West Village - 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	4.48	11.85	16.96	25.58	28.60	11.15	28.26	28.60	10.70	27.40	0.00	24.88	24.88	22.30	0.00	24.87

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 369,664; Residential Outdoor: 123,221; Non-Residential Indoor: 8,790; Non-Residential Outdoor: 2,930; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	204.00	48.00	0.00	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
Architectural Coating	1	41.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	3.9030	2.3827	6.2857	1.6184	2.1920	3.8105	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.6733	2.1739	10.8472	3.5965	2.0000	5.5965		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	3.9030	2.1739	6.0769	1.6184	2.0000	3.6184	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217

West Village - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9030	1.9853	5.8883	1.6184	1.8265	3.4449	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1459	4.6603	1.2183	0.0123	0.3073	9.5300e-003	0.3168	0.0885	9.1100e-003	0.0976		1,319.4270	1,319.4270	0.0777		1,321.3703
Worker	0.8745	0.6011	8.2166	0.0233	2.2802	0.0184	2.2987	0.6047	0.0170	0.6217		2,323.0905	2,323.0905	0.0685		2,324.8017
Total	1.0204	5.2614	9.4349	0.0357	2.5875	0.0280	2.6155	0.6932	0.0261	0.7193		3,642.5175	3,642.5175	0.1462		3,646.1721

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1459	4.6603	1.2183	0.0123	0.3073	9.5300e-003	0.3168	0.0885	9.1100e-003	0.0976		1,319.4270	1,319.4270	0.0777		1,321.3703
Worker	0.8745	0.6011	8.2166	0.0233	2.2802	0.0184	2.2987	0.6047	0.0170	0.6217		2,323.0905	2,323.0905	0.0685		2,324.8017
Total	1.0204	5.2614	9.4349	0.0357	2.5875	0.0280	2.6155	0.6932	0.0261	0.7193		3,642.5175	3,642.5175	0.1462		3,646.1721

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1369	4.4319	1.1527	0.0122	0.3073	8.3300e-003	0.3156	0.0885	7.9700e-003	0.0965		1,307.9323	1,307.9323	0.0751		1,309.8087
Worker	0.8191	0.5429	7.5807	0.0225	2.2802	0.0179	2.2981	0.6047	0.0164	0.6212		2,241.3731	2,241.3731	0.0619		2,242.9197
Total	0.9560	4.9748	8.7334	0.0347	2.5876	0.0262	2.6137	0.6932	0.0244	0.7176		3,549.3054	3,549.3054	0.1369		3,552.7284

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1369	4.4319	1.1527	0.0122	0.3073	8.3300e-003	0.3156	0.0885	7.9700e-003	0.0965		1,307.9323	1,307.9323	0.0751		1,309.8087
Worker	0.8191	0.5429	7.5807	0.0225	2.2802	0.0179	2.2981	0.6047	0.0164	0.6212		2,241.3731	2,241.3731	0.0619		2,242.9197
Total	0.9560	4.9748	8.7334	0.0347	2.5876	0.0262	2.6137	0.6932	0.0244	0.7176		3,549.3054	3,549.3054	0.1369		3,552.7284

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1016	3.3627	1.0410	0.0118	0.3073	3.8800e-003	0.3112	0.0885	3.7100e-003	0.0922		1,266.7557	1,266.7557	0.0665		1,268.4185
Worker	0.7692	0.4912	6.9812	0.0217	2.2802	0.0173	2.2976	0.6047	0.0160	0.6207		2,159.3033	2,159.3033	0.0558		2,160.6977
Total	0.8708	3.8539	8.0222	0.0335	2.5876	0.0212	2.6088	0.6932	0.0197	0.7129		3,426.0589	3,426.0589	0.1223		3,429.1162

West Village - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1016	3.3627	1.0410	0.0118	0.3073	3.8800e-003	0.3112	0.0885	3.7100e-003	0.0922		1,266.7557	1,266.7557	0.0665		1,268.4185
Worker	0.7692	0.4912	6.9812	0.0217	2.2802	0.0173	2.2976	0.6047	0.0160	0.6207		2,159.3033	2,159.3033	0.0558		2,160.6977
Total	0.8708	3.8539	8.0222	0.0335	2.5876	0.0212	2.6088	0.6932	0.0197	0.7129		3,426.0589	3,426.0589	0.1223		3,429.1162

West Village - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0602	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

West Village - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	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	0.0602	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

West Village - Los Angeles-South Coast County, Summer

3.4 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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Unmitigated Construction Off-Site

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

West Village - Los Angeles-South Coast County, Summer

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Mitigated Construction Off-Site

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

West Village - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.9141	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1646	0.1091	1.5236	4.5200e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		450.4721	450.4721	0.0124		450.7829
Total	0.1646	0.1091	1.5236	4.5200e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		450.4721	450.4721	0.0124		450.7829

West Village - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.9141	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1646	0.1091	1.5236	4.5200e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		450.4721	450.4721	0.0124		450.7829
Total	0.1646	0.1091	1.5236	4.5200e-003	0.4583	3.5900e-003	0.4619	0.1215	3.3000e-003	0.1248		450.4721	450.4721	0.0124		450.7829

West Village - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					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	3.9012	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1546	0.0987	1.4031	4.3500e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		433.9776	433.9776	0.0112		434.2579
Total	0.1546	0.0987	1.4031	4.3500e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		433.9776	433.9776	0.0112		434.2579

West Village - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7096					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	3.9012	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1546	0.0987	1.4031	4.3500e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		433.9776	433.9776	0.0112		434.2579
Total	0.1546	0.0987	1.4031	4.3500e-003	0.4583	3.4900e-003	0.4618	0.1215	3.2100e-003	0.1248		433.9776	433.9776	0.0112		434.2579

4.0 Operational Detail - Mobile

West Village - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.9936	12.1606	30.3484	0.1112	9.1201	0.0843	9.2043	2.4404	0.0783	2.5187		11,354.91 95	11,354.91 95	0.5607		11,368.93 74
Unmitigated	3.3529	13.9201	39.6640	0.1514	12.7735	0.1127	12.8862	3.4180	0.1047	3.5227		15,438.01 51	15,438.01 51	0.7342		15,456.36 98

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,045.80	775.80	617.40	3,232,723	2,308,105
Fast Food Restaurant w/o Drive Thru	957.74	814.32	585.00	1,600,966	1,143,060
High Turnover (Sit Down Restaurant)	278.46	346.83	288.73	394,803	281,882
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	106.75	105.10	51.08	187,521	133,887
Total	2,390.55	2,050.24	1,548.23	5,425,557	3,873,748

4.3 Trip Type Information

West Village - Los Angeles-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Fast Food Restaurant w/o Drive	16.60	8.40	6.90	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Fast Food Restaurant w/o Drive Thru	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village - 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					
NaturalGas Mitigated	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681
NaturalGas Unmitigated	0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

West Village - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5635.46	0.0608	0.5194	0.2210	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.9953	662.9953	0.0127	0.0122	666.9351
Fast Food Restaurant w/o Drive Thru	831.245	8.9600e-003	0.0815	0.0685	4.9000e-004		6.1900e-003	6.1900e-003		6.1900e-003	6.1900e-003		97.7935	97.7935	1.8700e-003	1.7900e-003	98.3747
High Turnover (Sit Down Restaurant)	1555.92	0.0168	0.1525	0.1281	9.2000e-004		0.0116	0.0116		0.0116	0.0116		183.0494	183.0494	3.5100e-003	3.3600e-003	184.1372
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	13.6986	1.5000e-004	1.3400e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.6116	1.6116	3.0000e-005	3.0000e-005	1.6212
Total		0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

West Village - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.63546	0.0608	0.5194	0.2210	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.9953	662.9953	0.0127	0.0122	666.9351
Fast Food Restaurant w/o Drive Thru	0.831245	8.9600e-003	0.0815	0.0685	4.9000e-004		6.1900e-003	6.1900e-003		6.1900e-003	6.1900e-003		97.7935	97.7935	1.8700e-003	1.7900e-003	98.3747
High Turnover (Sit Down Restaurant)	1.55592	0.0168	0.1525	0.1281	9.2000e-004		0.0116	0.0116		0.0116	0.0116		183.0494	183.0494	3.5100e-003	3.3600e-003	184.1372
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0136986	1.5000e-004	1.3400e-003	1.1300e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.6116	1.6116	3.0000e-005	3.0000e-005	1.6212
Total		0.0867	0.7547	0.4187	4.7300e-003		0.0599	0.0599		0.0599	0.0599		945.4498	945.4498	0.0181	0.0173	951.0681

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village - 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	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831
Unmitigated	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

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	0.3398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4464	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823		26.7416	26.7416	0.0257		27.3831
Total	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

West Village - 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	0.3398					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.7869					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4464	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823		26.7416	26.7416	0.0257		27.3831
Total	4.5731	0.1710	14.8450	7.8000e-004		0.0823	0.0823		0.0823	0.0823	0.0000	26.7416	26.7416	0.0257	0.0000	27.3831

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

West Village - Los Angeles-South Coast County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Greenhouse Gas Emission Worksheet
N2O Mobile Emissions

From CalEEMod Vehicle Fleet Mix Output:

Annual VMT: 3,873,748

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	54.5%	0.04	0.0218139	0.04	0.021814
Light Truck < 3750 lbs	4.5%	0.05	0.002231	0.06	0.002677
Light Truck 3751-5750 lbs	20.7%	0.05	0.010328	0.06	0.012394
Med Truck 5751-8500 lbs	11.8%	0.12	0.0142141	0.2	0.02369
Lite-Heavy Truck 8501-10,000 lbs	1.5%	0.12	0.0018002	0.2	0.003
Lite-Heavy Truck 10,001-14,000 lbs	0.6%	0.09	0.0005628	0.125	0.000782
Med-Heavy Truck 14,001-33,000 lbs	2.1%	0.06	0.001237	0.05	0.001031
Heavy-Heavy Truck 33,001-60,000 lbs	3.2%	0.06	0.0019054	0.05	0.001588
Other Bus	0.3%	0.06	0.0001536	0.05	0.000128
Urban Bus	0.2%	0.06	0.0001243	0.05	0.000104
Motorcycle	0.5%	0.09	0.0004695	0.01	5.22E-05
School Bus	0.1%	0.06	4.176E-05	0.05	3.48E-05
Motor Home	0.1%	0.09	0.0000765	0.125	0.000106
Total	100.0%		0.054958		0.0674

Total Emissions (metric tons) =
Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)

CH4 21 GWP
 N2O 310 GWP
 1 ton (short, US) = 0.90718474 metric ton

Annual Mobile Emissions:

	Total Emissions	Total CO2e units
N2O Emissions:	0.2611 metric tons N2O	80.94 metric tons CO2e
Project Total:	80.94 metric tons CO2e	

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
 in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
 Assume Model year 2000-present, gasoline fueled.
 ** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	31.84	190,000.00	543
Strip Mall	1.46	1000sqft	0.00	1,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Source: Alt 3 PD. Retail lot acreage under residential, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblLandUse	LotAcreage	2.97	31.84
tblLandUse	LotAcreage	0.03	0.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.50	0.00
tblWoodstoves	NumberNoncatalytic	9.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1597	1.8019	1.1314	2.1200e-003	0.9019	0.0787	0.9806	0.1863	0.0724	0.2587	0.0000	190.7665	190.7665	0.0584	0.0000	192.2264
2020	0.5951	6.5856	4.2944	8.4200e-003	1.5136	0.2850	1.7986	0.5164	0.2622	0.7786	0.0000	740.5036	740.5036	0.2317	0.0000	746.2957
2021	0.8440	8.1171	7.1593	0.0149	1.5840	0.3599	1.9439	0.4802	0.3330	0.8133	0.0000	1,319.7915	1,319.7915	0.3068	0.0000	1,327.4605
2022	0.7785	4.2634	5.4194	0.0117	0.3910	0.1883	0.5793	0.1048	0.1759	0.2807	0.0000	1,039.6312	1,039.6312	0.1752	0.0000	1,044.0107
2023	0.7527	2.9329	4.1249	8.9500e-003	0.3154	0.1275	0.4428	0.0845	0.1193	0.2037	0.0000	798.5419	798.5419	0.1307	0.0000	801.8100
Maximum	0.8440	8.1171	7.1593	0.0149	1.5840	0.3599	1.9439	0.5164	0.3330	0.8133	0.0000	1,319.7915	1,319.7915	0.3068	0.0000	1,327.4605

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1597	1.8019	1.1314	2.1200e-003	0.4098	0.0787	0.4885	0.0849	0.0724	0.1573	0.0000	190.7663	190.7663	0.0584	0.0000	192.2262
2020	0.5951	6.5856	4.2944	8.4200e-003	0.6969	0.2850	0.9819	0.2366	0.2622	0.4988	0.0000	740.5028	740.5028	0.2317	0.0000	746.2948
2021	0.8440	8.1171	7.1593	0.0149	0.8750	0.3599	1.2348	0.2596	0.3330	0.5926	0.0000	1,319.7904	1,319.7904	0.3068	0.0000	1,327.4594
2022	0.7785	4.2634	5.4194	0.0117	0.3910	0.1883	0.5793	0.1048	0.1759	0.2807	0.0000	1,039.6305	1,039.6305	0.1752	0.0000	1,044.0100
2023	0.7527	2.9329	4.1249	8.9500e-003	0.3154	0.1275	0.4428	0.0845	0.1193	0.2037	0.0000	798.5413	798.5413	0.1307	0.0000	801.8095
Maximum	0.8440	8.1171	7.1593	0.0149	0.8750	0.3599	1.2348	0.2596	0.3330	0.5926	0.0000	1,319.7904	1,319.7904	0.3068	0.0000	1,327.4594

	ROG	NOx	CO	SO2	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	42.88	0.00	35.12	43.87	0.00	25.78	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	9-4-2019	12-3-2019	1.3589	1.3589
4	12-4-2019	3-3-2020	1.8280	1.8280
5	3-4-2020	6-3-2020	1.8009	1.8009
6	6-4-2020	9-3-2020	1.8007	1.8007
7	9-4-2020	12-3-2020	1.7816	1.7816
8	12-4-2020	3-3-2021	1.6720	1.6720

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9	3-4-2021	6-3-2021	2.5828	2.5828
10	6-4-2021	9-3-2021	2.9832	2.9832
11	9-4-2021	12-3-2021	1.8676	1.8676
12	12-4-2021	3-3-2022	1.1971	1.1971
13	3-4-2022	6-3-2022	1.1756	1.1756
14	6-4-2022	9-3-2022	1.3080	1.3080
15	9-4-2022	12-3-2022	1.3504	1.3504
16	12-4-2022	3-3-2023	1.2541	1.2541
17	3-4-2023	6-3-2023	1.2394	1.2394
18	6-4-2023	9-3-2023	1.2376	1.2376
19	9-4-2023	9-30-2023	0.3498	0.3498
		Highest	2.9832	2.9832

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2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3816	0.0624	2.5843	1.2900e-003		0.0973	0.0973		0.0973	0.0973	7.4662	41.9829	49.4491	3.8100e-003	1.3700e-003	49.9527
Energy	0.0117	0.1002	0.0427	6.4000e-004		8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	0.0000	377.7183	377.7183	0.0130	4.3600e-003	379.3440
Mobile	0.2824	1.3180	3.8803	0.0153	1.3402	0.0117	1.3519	0.3592	0.0109	0.3701	0.0000	1,417.5705	1,417.5705	0.0674	0.0000	1,419.2565
Waste						0.0000	0.0000		0.0000	0.0000	18.0581	0.0000	18.0581	1.0672	0.0000	44.7381
Water						0.0000	0.0000		0.0000	0.0000	3.9617	81.1868	85.1485	0.4103	0.0103	98.4746
Total	1.6757	1.4805	6.5073	0.0173	1.3402	0.1171	1.4573	0.3592	0.1163	0.4755	29.4859	1,918.4585	1,947.9444	1.5617	0.0160	1,991.7659

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8275	0.0580	1.9737	3.3000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	44.2642	44.2642	3.8600e-003	7.5000e-004	44.5850
Energy	0.0117	0.1002	0.0427	6.4000e-004		8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	0.0000	377.7183	377.7183	0.0130	4.3600e-003	379.3440
Mobile	0.2446	1.1137	2.9527	0.0112	0.9569	8.6400e-003	0.9655	0.2565	8.0300e-003	0.2645	0.0000	1,034.7401	1,034.7401	0.0509	0.0000	1,036.0132
Waste						0.0000	0.0000		0.0000	0.0000	18.0581	0.0000	18.0581	1.0672	0.0000	44.7381
Water						0.0000	0.0000		0.0000	0.0000	3.9617	81.1868	85.1485	0.4103	0.0103	98.4746
Total	1.0838	1.2719	4.9691	0.0122	0.9569	0.0305	0.9873	0.2565	0.0299	0.2863	22.0198	1,537.9095	1,559.9292	1.5453	0.0154	1,603.1550

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	35.32	14.09	23.64	29.57	28.60	73.99	32.25	28.60	74.33	39.78	25.32	19.84	19.92	1.05	3.87	19.51

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 384,750; Residential Outdoor: 128,250; Non-Residential Indoor: 2,190; Non-Residential Outdoor: 730; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	210.00	49.00	0.00	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
Architectural Coating	1	42.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8947	0.0000	0.8947	0.1844	0.0000	0.1844	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1564	1.7992	1.1014	2.0500e-003		0.0786	0.0786		0.0723	0.0723	0.0000	183.8144	183.8144	0.0582	0.0000	185.2683
Total	0.1564	1.7992	1.1014	2.0500e-003	0.8947	0.0786	0.9733	0.1844	0.0723	0.2567	0.0000	183.8144	183.8144	0.0582	0.0000	185.2683

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581
Total	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4026	0.0000	0.4026	0.0830	0.0000	0.0830	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1564	1.7992	1.1014	2.0500e-003		0.0786	0.0786		0.0723	0.0723	0.0000	183.8141	183.8141	0.0582	0.0000	185.2681
Total	0.1564	1.7992	1.1014	2.0500e-003	0.4026	0.0786	0.4812	0.0830	0.0723	0.1553	0.0000	183.8141	183.8141	0.0582	0.0000	185.2681

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581
Total	3.3100e-003	2.7600e-003	0.0300	8.0000e-005	7.2300e-003	6.0000e-005	7.3000e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	6.9522	6.9522	2.4000e-004	0.0000	6.9581

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.4849	0.0000	1.4849	0.5088	0.0000	0.5088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5830	6.5759	4.1865	8.1200e-003		0.2848	0.2848		0.2620	0.2620	0.0000	713.7442	713.7442	0.2308	0.0000	719.5152
Total	0.5830	6.5759	4.1865	8.1200e-003	1.4849	0.2848	1.7696	0.5088	0.2620	0.7708	0.0000	713.7442	713.7442	0.2308	0.0000	719.5152

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805
Total	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6682	0.0000	0.6682	0.2290	0.0000	0.2290	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5830	6.5759	4.1865	8.1200e-003		0.2848	0.2848		0.2620	0.2620	0.0000	713.7434	713.7434	0.2308	0.0000	719.5144
Total	0.5830	6.5759	4.1865	8.1200e-003	0.6682	0.2848	0.9530	0.2290	0.2620	0.4910	0.0000	713.7434	713.7434	0.2308	0.0000	719.5144

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805
Total	0.0121	9.7500e-003	0.1079	3.0000e-004	0.0287	2.4000e-004	0.0290	7.6300e-003	2.3000e-004	7.8500e-003	0.0000	26.7594	26.7594	8.4000e-004	0.0000	26.7805

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.2891	0.0000	1.2891	0.4012	0.0000	0.4012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4128	4.5704	3.0415	6.1100e-003		0.1956	0.1956		0.1799	0.1799	0.0000	536.7756	536.7756	0.1736	0.0000	541.1157
Total	0.4128	4.5704	3.0415	6.1100e-003	1.2891	0.1956	1.4847	0.4012	0.1799	0.5811	0.0000	536.7756	536.7756	0.1736	0.0000	541.1157

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960
Total	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.5801	0.0000	0.5801	0.1805	0.0000	0.1805	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4128	4.5704	3.0415	6.1100e-003		0.1956	0.1956		0.1799	0.1799	0.0000	536.7749	536.7749	0.1736	0.0000	541.1150
Total	0.4128	4.5704	3.0415	6.1100e-003	0.5801	0.1956	0.7757	0.1805	0.1799	0.3605	0.0000	536.7749	536.7749	0.1736	0.0000	541.1150

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960
Total	8.4800e-003	6.6000e-003	0.0745	2.2000e-004	0.0216	1.8000e-004	0.0218	5.7300e-003	1.6000e-004	5.9000e-003	0.0000	19.4817	19.4817	5.7000e-004	0.0000	19.4960

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0150	0.4763	0.1291	1.2300e-003	0.0304	9.7000e-004	0.0314	8.7700e-003	9.3000e-004	9.7000e-003	0.0000	118.9716	118.9716	7.3000e-003	0.0000	119.1540
Worker	0.0890	0.0693	0.7822	2.2600e-003	0.2267	1.8700e-003	0.2285	0.0602	1.7200e-003	0.0619	0.0000	204.5575	204.5575	6.0200e-003	0.0000	204.7080
Total	0.1040	0.5456	0.9114	3.4900e-003	0.2571	2.8400e-003	0.2599	0.0690	2.6500e-003	0.0716	0.0000	323.5291	323.5291	0.0133	0.0000	323.8620

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0150	0.4763	0.1291	1.2300e-003	0.0304	9.7000e-004	0.0314	8.7700e-003	9.3000e-004	9.7000e-003	0.0000	118.9716	118.9716	7.3000e-003	0.0000	119.1540
Worker	0.0890	0.0693	0.7822	2.2600e-003	0.2267	1.8700e-003	0.2285	0.0602	1.7200e-003	0.0619	0.0000	204.5575	204.5575	6.0200e-003	0.0000	204.7080
Total	0.1040	0.5456	0.9114	3.4900e-003	0.2571	2.8400e-003	0.2599	0.0690	2.6500e-003	0.0716	0.0000	323.5291	323.5291	0.0133	0.0000	323.8620

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0186	0.5973	0.1613	1.6000e-003	0.0401	1.1200e-003	0.0413	0.0116	1.0700e-003	0.0127	0.0000	155.6392	155.6392	9.3000e-003	0.0000	155.8716
Worker	0.1102	0.0826	0.9512	2.8800e-003	0.2992	2.3900e-003	0.3015	0.0795	2.2000e-003	0.0817	0.0000	260.4843	260.4843	7.1700e-003	0.0000	260.6636
Total	0.1287	0.6799	1.1125	4.4800e-003	0.3393	3.5100e-003	0.3428	0.0910	3.2700e-003	0.0943	0.0000	416.1234	416.1234	0.0165	0.0000	416.5352

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0186	0.5973	0.1613	1.6000e-003	0.0401	1.1200e-003	0.0413	0.0116	1.0700e-003	0.0127	0.0000	155.6392	155.6392	9.3000e-003	0.0000	155.8716
Worker	0.1102	0.0826	0.9512	2.8800e-003	0.2992	2.3900e-003	0.3015	0.0795	2.2000e-003	0.0817	0.0000	260.4843	260.4843	7.1700e-003	0.0000	260.6636
Total	0.1287	0.6799	1.1125	4.4800e-003	0.3393	3.5100e-003	0.3428	0.0910	3.2700e-003	0.0943	0.0000	416.1234	416.1234	0.0165	0.0000	416.5352

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0103	0.3384	0.1085	1.1600e-003	0.0301	4.0000e-004	0.0305	8.6900e-003	3.8000e-004	9.0600e-003	0.0000	113.0750	113.0750	6.1600e-003	0.0000	113.2291
Worker	0.0777	0.0560	0.6560	2.0800e-003	0.2244	1.7400e-003	0.2261	0.0596	1.6000e-003	0.0612	0.0000	188.2143	188.2143	4.8500e-003	0.0000	188.3354
Total	0.0880	0.3945	0.7645	3.2400e-003	0.2545	2.1400e-003	0.2566	0.0683	1.9800e-003	0.0703	0.0000	301.2893	301.2893	0.0110	0.0000	301.5645

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3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0103	0.3384	0.1085	1.1600e-003	0.0301	4.0000e-004	0.0305	8.6900e-003	3.8000e-004	9.0600e-003	0.0000	113.0750	113.0750	6.1600e-003	0.0000	113.2291
Worker	0.0777	0.0560	0.6560	2.0800e-003	0.2244	1.7400e-003	0.2261	0.0596	1.6000e-003	0.0612	0.0000	188.2143	188.2143	4.8500e-003	0.0000	188.3354
Total	0.0880	0.3945	0.7645	3.2400e-003	0.2545	2.1400e-003	0.2566	0.0683	1.9800e-003	0.0703	0.0000	301.2893	301.2893	0.0110	0.0000	301.5645

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3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1251	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258
Paving	1.4200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1251	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634
Paving	1.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1453	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631
Paving	1.8800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1453	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407
Paving	1.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1021	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405
Paving	1.4100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1021	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.2636	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	8.3900e-003	0.0966	2.9000e-004	0.0304	2.4000e-004	0.0306	8.0700e-003	2.2000e-004	8.2900e-003	0.0000	26.4492	26.4492	7.3000e-004	0.0000	26.4674
Total	0.0112	8.3900e-003	0.0966	2.9000e-004	0.0304	2.4000e-004	0.0306	8.0700e-003	2.2000e-004	8.2900e-003	0.0000	26.4492	26.4492	7.3000e-004	0.0000	26.4674

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3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.2636	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0112	8.3900e-003	0.0966	2.9000e-004	0.0304	2.4000e-004	0.0306	8.0700e-003	2.2000e-004	8.2900e-003	0.0000	26.4492	26.4492	7.3000e-004	0.0000	26.4674
Total	0.0112	8.3900e-003	0.0966	2.9000e-004	0.0304	2.4000e-004	0.0306	8.0700e-003	2.2000e-004	8.2900e-003	0.0000	26.4492	26.4492	7.3000e-004	0.0000	26.4674

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3.5 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	0.3695					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315
Total	0.3882	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0155	0.0112	0.1312	4.2000e-004	0.0449	3.5000e-004	0.0452	0.0119	3.2000e-004	0.0122	0.0000	37.6429	37.6429	9.7000e-004	0.0000	37.6671
Total	0.0155	0.0112	0.1312	4.2000e-004	0.0449	3.5000e-004	0.0452	0.0119	3.2000e-004	0.0122	0.0000	37.6429	37.6429	9.7000e-004	0.0000	37.6671

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3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3695					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314
Total	0.3882	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0155	0.0112	0.1312	4.2000e-004	0.0449	3.5000e-004	0.0452	0.0119	3.2000e-004	0.0122	0.0000	37.6429	37.6429	9.7000e-004	0.0000	37.6671
Total	0.0155	0.0112	0.1312	4.2000e-004	0.0449	3.5000e-004	0.0452	0.0119	3.2000e-004	0.0122	0.0000	37.6429	37.6429	9.7000e-004	0.0000	37.6671

4.0 Operational Detail - Mobile

West Village Alternative 3 - Los Angeles-South Coast County, Annual

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2446	1.1137	2.9527	0.0112	0.9569	8.6400e-003	0.9655	0.2565	8.0300e-003	0.2645	0.0000	1,034.7401	1,034.7401	0.0509	0.0000	1,036.0132
Unmitigated	0.2824	1.3180	3.8803	0.0153	1.3402	0.0117	1.3519	0.3592	0.0109	0.3701	0.0000	1,417.5705	1,417.5705	0.0674	0.0000	1,419.2565

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,103.90	818.90	651.70	3,412,319	2,436,333
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	62.34	61.38	29.83	109,512	78,190
Total	1,168.04	888.47	687.55	3,531,375	2,521,337

4.3 Trip Type Information

West Village Alternative 3 - Los Angeles-South Coast County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village Alternative 3 - 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					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	261.6981	261.6981	0.0108	2.2400e-003	262.6343
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	261.6981	261.6981	0.0108	2.2400e-003	262.6343
Natural Gas Mitigated	0.0117	0.1002	0.0427	6.4000e-004			8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	116.0203	116.0203	2.2200e-003	2.1300e-003	116.7097
Natural Gas Unmitigated	0.0117	0.1002	0.0427	6.4000e-004			8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	116.0203	116.0203	2.2200e-003	2.1300e-003	116.7097

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.17122e+006	0.0117	0.1001	0.0426	6.4000e-004			8.0900e-003	8.0900e-003	8.0900e-003	8.0900e-003	0.0000	115.8644	115.8644	2.2200e-003	2.1200e-003	116.5530
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000			0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	2920	2.0000e-005	1.4000e-004	1.2000e-004	0.0000			1.0000e-005	1.0000e-005	1.0000e-005	1.0000e-005	0.0000	0.1558	0.1558	0.0000	0.0000	0.1568
Total		0.0117	0.1002	0.0427	6.4000e-004			8.1000e-003	8.1000e-003		8.1000e-003	0.0000	116.0203	116.0203	2.2200e-003	2.1200e-003	116.7097

West Village Alternative 3 - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.17122e+006	0.0117	0.1001	0.0426	6.4000e-004		8.0900e-003	8.0900e-003		8.0900e-003	8.0900e-003	0.0000	115.8644	115.8644	2.2200e-003	2.1200e-003	116.5530
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	2920	2.0000e-005	1.4000e-004	1.2000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1558	0.1558	0.0000	0.0000	0.1568
Total		0.0117	0.1002	0.0427	6.4000e-004		8.1000e-003	8.1000e-003		8.1000e-003	8.1000e-003	0.0000	116.0203	116.0203	2.2200e-003	2.1200e-003	116.7097

West Village Alternative 3 - 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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	804642	256.3763	0.0106	2.1900e-003	257.2935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	16702.4	5.3217	2.2000e-004	5.0000e-005	5.3408
Total		261.6981	0.0108	2.2400e-003	262.6343

West Village Alternative 3 - 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			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	804642	256.3763	0.0106	2.1900e-003	257.2935
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	16702.4	5.3217	2.2000e-004	5.0000e-005	5.3408
Total		261.6981	0.0108	2.2400e-003	262.6343

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village Alternative 3 - 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	0.8275	0.0580	1.9737	3.3000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	44.2642	44.2642	3.8600e-003	7.5000e-004	44.5850
Unmitigated	1.3816	0.0624	2.5843	1.2900e-003		0.0973	0.0973		0.0973	0.0973	7.4662	41.9829	49.4491	3.8100e-003	1.3700e-003	49.9527

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	0.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7021					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.5582	0.0398	0.6257	1.1800e-003		0.0865	0.0865		0.0865	0.0865	7.4662	38.7822	46.2483	7.4000e-004	1.3700e-003	46.6751
Landscaping	0.0589	0.0226	1.9587	1.0000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	3.2008	3.2008	3.0700e-003	0.0000	3.2776
Total	1.3816	0.0624	2.5843	1.2800e-003		0.0973	0.0973		0.0973	0.0973	7.4662	41.9829	49.4491	3.8100e-003	1.3700e-003	49.9527

West Village Alternative 3 - 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	0.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7021					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	4.1500e-003	0.0355	0.0151	2.3000e-004		2.8700e-003	2.8700e-003		2.8700e-003	2.8700e-003	0.0000	41.0635	41.0635	7.9000e-004	7.5000e-004	41.3075
Landscaping	0.0589	0.0226	1.9587	1.0000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	3.2008	3.2008	3.0700e-003	0.0000	3.2776
Total	0.8275	0.0580	1.9737	3.3000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	44.2642	44.2642	3.8600e-003	7.5000e-004	44.5850

7.0 Water Detail

7.1 Mitigation Measures Water

West Village Alternative 3 - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	85.1485	0.4103	0.0103	98.4746
Unmitigated	85.1485	0.4103	0.0103	98.4746

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.428933	1.5184	6.0000e-005	1.0000e-005	1.5238
Condo/Townhouse High Rise	12.3793 / 7.80432	82.9125	0.4066	0.0102	96.1179
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.108146 / 0.066283	0.7176	3.5500e-003	9.0000e-005	0.8330
Total		85.1485	0.4103	0.0103	98.4746

West Village Alternative 3 - 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			
City Park	0 / 0.428933	1.5184	6.0000e-005	1.0000e-005	1.5238
Condo/Townhouse High Rise	12.3793 / 7.80432	82.9125	0.4066	0.0102	96.1179
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.108146 / 0.066283	0.7176	3.5500e-003	9.0000e-005	0.8330
Total		85.1485	0.4103	0.0103	98.4746

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Village Alternative 3 - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	18.0581	1.0672	0.0000	44.7381
Unmitigated	18.0581	1.0672	0.0000	44.7381

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Condo/Townhouse High Rise	87.4	17.7414	1.0485	0.0000	43.9536
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.53	0.3106	0.0184	0.0000	0.7694
Total		18.0581	1.0672	0.0000	44.7381

West Village Alternative 3 - 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			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Condo/Townhouse High Rise	87.4	17.7414	1.0485	0.0000	43.9536
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.53	0.3106	0.0184	0.0000	0.7694
Total		18.0581	1.0672	0.0000	44.7381

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

West Village Alternative 3 - Los Angeles-South Coast County, Annual

Equipment Type	Number
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11.0 Vegetation

West Village Alternative 3 - Los Angeles-South Coast County, Winter

West Village Alternative 3
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	31.84	190,000.00	543
Strip Mall	1.46	1000sqft	0.00	1,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village Alternative 3 - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Source: Alt 3 PD. Retail lot acreage under residential, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblLandUse	LotAcreage	2.97	31.84
tblLandUse	LotAcreage	0.03	0.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.50	0.00
tblWoodstoves	NumberNoncatalytic	9.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

West Village Alternative 3 - Los Angeles-South Coast County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8497	54.6015	34.2617	0.0643	8.8969	2.3846	11.2815	3.6558	2.1938	5.8496	0.0000	6,368.4456	6,368.4456	1.9505	0.0000	6,417.2080
2020	4.5523	50.2700	32.7603	0.0642	8.8969	2.1758	11.0727	3.6558	2.0017	5.6575	0.0000	6,227.3494	6,227.3494	1.9494	0.0000	6,276.0843
2021	8.6867	82.2976	72.5049	0.1504	11.7256	3.6539	15.3794	4.4131	3.3813	7.7944	0.0000	14,704.6265	14,704.6265	3.4345	0.0000	14,790.4900
2022	8.1604	33.4473	43.1157	0.0926	3.2981	1.4908	4.7889	0.8818	1.3953	2.2771	0.0000	9,104.0967	9,104.0967	1.5019	0.0000	9,141.6450
2023	7.8370	30.0080	42.1207	0.0912	3.2982	1.3076	4.6058	0.8818	1.2235	2.1053	0.0000	8,963.5185	8,963.5185	1.4790	0.0000	9,000.4930
Maximum	8.6867	82.2976	72.5049	0.1504	11.7256	3.6539	15.3794	4.4131	3.3813	7.7944	0.0000	14,704.6265	14,704.6265	3.4345	0.0000	14,790.4900

West Village Alternative 3 - 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	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419
Energy	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
Mobile	1.7601	7.8920	23.2763	0.0920	8.3230	0.0714	8.3943	2.2271	0.0663	2.2934		9,385.8891	9,385.8891	0.4544		9,397.2494
Total	51.1431	11.8040	89.2349	0.1909	8.3230	7.1194	15.4424	2.2271	7.1144	9.3415	658.4032	13,534.8847	14,193.2879	0.5605	0.1336	14,247.1252

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	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986
Energy	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
Mobile	1.5315	6.6739	17.7750	0.0671	5.9425	0.0528	5.9953	1.5901	0.0491	1.6392		6,844.6753	6,844.6753	0.3441		6,853.2774
Total	6.5875	10.2400	34.8852	0.0895	5.9425	0.4134	6.3559	1.5901	0.4097	1.9998	0.0000	11,194.8474	11,194.8474	0.4540	0.0792	11,229.8098

West Village Alternative 3 - 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	87.12	13.25	60.91	53.12	28.60	94.19	58.84	28.60	94.24	78.59	100.00	17.29	21.13	19.00	40.71	21.18

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 384,750; Residential Outdoor: 128,250; Non-Residential Indoor: 2,190; Non-Residential Outdoor: 730; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village Alternative 3 - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	210.00	49.00	0.00	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
Architectural Coating	1	42.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	3.9030	2.3827	6.2857	1.6184	2.1920	3.8105	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226
Total	0.1108	0.0813	0.8850	2.2900e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		228.4262	228.4262	7.8600e-003		228.6226

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.6733	2.1739	10.8472	3.5965	2.0000	5.5965		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	3.9030	2.1739	6.0769	1.6184	2.0000	3.6184	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586
Total	0.1022	0.0725	0.8020	2.2200e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		221.4841	221.4841	6.9800e-003		221.6586

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9030	1.9853	5.8883	1.6184	1.8265	3.4449	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1564	4.7476	1.3758	0.0123	0.3137	0.0100	0.3237	0.0903	9.6000e-003	0.0999		1,309.9931	1,309.9931	0.0846		1,312.1073
Worker	1.0013	0.6849	7.7334	0.0226	2.3473	0.0190	2.3663	0.6225	0.0175	0.6400		2,251.7273	2,251.7273	0.0663		2,253.3838
Total	1.1577	5.4325	9.1091	0.0349	2.6610	0.0290	2.6900	0.7128	0.0271	0.7399		3,561.7204	3,561.7204	0.1508		3,565.4911

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1564	4.7476	1.3758	0.0123	0.3137	0.0100	0.3237	0.0903	9.6000e-003	0.0999		1,309.9931	1,309.9931	0.0846		1,312.1073
Worker	1.0013	0.6849	7.7334	0.0226	2.3473	0.0190	2.3663	0.6225	0.0175	0.6400		2,251.7273	2,251.7273	0.0663		2,253.3838
Total	1.1577	5.4325	9.1091	0.0349	2.6610	0.0290	2.6900	0.7128	0.0271	0.7399		3,561.7204	3,561.7204	0.1508		3,565.4911

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1468	4.5119	1.3023	0.0121	0.3137	8.7800e-003	0.3225	0.0903	8.4000e-003	0.0987		1,298.3544	1,298.3544	0.0816		1,300.3943
Worker	0.9405	0.6185	7.1227	0.0218	2.3473	0.0184	2.3657	0.6225	0.0169	0.6394		2,172.5959	2,172.5959	0.0598		2,174.0914
Total	1.0873	5.1304	8.4250	0.0339	2.6610	0.0272	2.6882	0.7128	0.0253	0.7382		3,470.9502	3,470.9502	0.1414		3,474.4857

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1468	4.5119	1.3023	0.0121	0.3137	8.7800e-003	0.3225	0.0903	8.4000e-003	0.0987		1,298.3544	1,298.3544	0.0816		1,300.3943
Worker	0.9405	0.6185	7.1227	0.0218	2.3473	0.0184	2.3657	0.6225	0.0169	0.6394		2,172.5959	2,172.5959	0.0598		2,174.0914
Total	1.0873	5.1304	8.4250	0.0339	2.6610	0.0272	2.6882	0.7128	0.0253	0.7382		3,470.9502	3,470.9502	0.1414		3,474.4857

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1091	3.4172	1.1572	0.0118	0.3137	4.1700e-003	0.3179	0.0903	3.9900e-003	0.0943		1,258.0324	1,258.0324	0.0718		1,259.8283
Worker	0.8860	0.5594	6.5471	0.0210	2.3473	0.0179	2.3652	0.6225	0.0164	0.6390		2,093.1132	2,093.1132	0.0539		2,094.4599
Total	0.9951	3.9766	7.7043	0.0328	2.6610	0.0220	2.6831	0.7129	0.0204	0.7333		3,351.1456	3,351.1456	0.1257		3,354.2881

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1091	3.4172	1.1572	0.0118	0.3137	4.1700e-003	0.3179	0.0903	3.9900e-003	0.0943		1,258.0324	1,258.0324	0.0718		1,259.8283
Worker	0.8860	0.5594	6.5471	0.0210	2.3473	0.0179	2.3652	0.6225	0.0164	0.6390		2,093.1132	2,093.1132	0.0539		2,094.4599
Total	0.9951	3.9766	7.7043	0.0328	2.6610	0.0220	2.6831	0.7129	0.0204	0.7333		3,351.1456	3,351.1456	0.1257		3,354.2881

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	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	0.0672	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

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0672	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	0.0672	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

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Unmitigated Construction Off-Site

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

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Mitigated Construction Off-Site

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

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.9943	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1881	0.1237	1.4245	4.3600e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		434.5192	434.5192	0.0120		434.8183
Total	0.1881	0.1237	1.4245	4.3600e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		434.5192	434.5192	0.0120		434.8183

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.9943	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1881	0.1237	1.4245	4.3600e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		434.5192	434.5192	0.0120		434.8183
Total	0.1881	0.1237	1.4245	4.3600e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		434.5192	434.5192	0.0120		434.8183

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					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	3.9814	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1772	0.1119	1.3094	4.2000e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		418.6226	418.6226	0.0108		418.8920
Total	0.1772	0.1119	1.3094	4.2000e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		418.6226	418.6226	0.0108		418.8920

West Village Alternative 3 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					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	3.9814	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1772	0.1119	1.3094	4.2000e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		418.6226	418.6226	0.0108		418.8920
Total	0.1772	0.1119	1.3094	4.2000e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		418.6226	418.6226	0.0108		418.8920

4.0 Operational Detail - Mobile

West Village Alternative 3 - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5315	6.6739	17.7750	0.0671	5.9425	0.0528	5.9953	1.5901	0.0491	1.6392		6,844.6753	6,844.6753	0.3441		6,853.2774
Unmitigated	1.7601	7.8920	23.2763	0.0920	8.3230	0.0714	8.3943	2.2271	0.0663	2.2934		9,385.8891	9,385.8891	0.4544		9,397.2494

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,103.90	818.90	651.70	3,412,319	2,436,333
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	62.34	61.38	29.83	109,512	78,190
Total	1,168.04	888.47	687.55	3,531,375	2,521,337

4.3 Trip Type Information

West Village Alternative 3 - Los Angeles-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village Alternative 3 - 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					
NaturalGas Mitigated	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
NaturalGas Unmitigated	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5948.54	0.0642	0.5482	0.2333	3.5000e-003		0.0443	0.0443		0.0443	0.0443		699.8283	699.8283	0.0134	0.0128	703.9871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	8	9.0000e-005	7.8000e-004	6.6000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.9412	0.9412	2.0000e-005	2.0000e-005	0.9468
Total		0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

West Village Alternative 3 - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.94854	0.0642	0.5482	0.2333	3.5000e-003		0.0443	0.0443		0.0443	0.0443		699.8283	699.8283	0.0134	0.0128	703.9871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.008	9.0000e-005	7.8000e-004	6.6000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.9412	0.9412	2.0000e-005	2.0000e-005	0.9468
Total		0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village Alternative 3 - 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	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986
Unmitigated	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419

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	0.3414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.8473					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	44.6589	3.1825	50.0555	0.0946		6.9168	6.9168		6.9168	6.9168	658.4032	3,420.0000	4,078.4032	0.0656	0.1208	4,116.0387
Landscaping	0.4712	0.1805	15.6692	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2261	28.2261	0.0271		28.9032
Total	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419

West Village Alternative 3 - 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	0.3414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.8473					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.3319	2.8366	1.2071	0.0181		0.2293	0.2293		0.2293	0.2293	0.0000	3,621.1765	3,621.1765	0.0694	0.0664	3,642.6953
Landscaping	0.4712	0.1805	15.6692	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2261	28.2261	0.0271		28.9032
Total	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986

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

West Village Alternative 3 - Los Angeles-South Coast County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

West Village Alternative 3 - Los Angeles-South Coast County, Summer

West Village Alternative 3
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	3.60	156,816.00	0
City Park	0.36	Acre	0.36	15,681.60	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	31.84	190,000.00	543
Strip Mall	1.46	1000sqft	0.00	1,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village Alternative 3 - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Source: Alt 3 PD. Retail lot acreage under residential, other asphalt surfaces = streets and alleyways; project site to be graded = approx 35.8 acres

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	55.00	327.00
tblConstructionPhase	NumDays	740.00	652.00
tblConstructionPhase	NumDays	75.00	525.00
tblConstructionPhase	NumDays	55.00	652.00
tblLandUse	LotAcreage	2.97	31.84
tblLandUse	LotAcreage	0.03	0.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	9.50	0.00
tblWoodstoves	NumberNoncatalytic	9.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

West Village Alternative 3 - Los Angeles-South Coast County, Summer

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8388	54.5936	34.3411	0.0644	8.8969	2.3846	11.2815	3.6558	2.1938	5.8496	0.0000	6,382.610 1	6,382.610 1	1.9510	0.0000	6,431.384 3
2020	4.5421	50.2630	32.8340	0.0644	8.8969	2.1758	11.0727	3.6558	2.0017	5.6575	0.0000	6,241.087 8	6,241.087 8	1.9498	0.0000	6,289.833 7
2021	8.5613	82.2303	73.2185	0.1524	11.7256	3.6535	15.3791	4.4131	3.3810	7.7941	0.0000	14,904.51 94	14,904.51 94	3.4342	0.0000	14,990.37 51
2022	8.0297	33.3838	43.8560	0.0946	3.2981	1.4905	4.7887	0.8818	1.3950	2.2768	0.0000	9,312.184 7	9,312.184 7	1.5019	0.0000	9,349.731 2
2023	7.7119	29.9552	42.8392	0.0931	3.2982	1.3074	4.6056	0.8818	1.2233	2.1051	0.0000	9,163.535 4	9,163.535 4	1.4796	0.0000	9,200.524 5
Maximum	8.5613	82.2303	73.2185	0.1524	11.7256	3.6535	15.3791	4.4131	3.3810	7.7941	0.0000	14,904.51 94	14,904.51 94	3.4342	0.0000	14,990.37 51

West Village Alternative 3 - 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	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419
Energy	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
Mobile	1.8173	7.7091	24.6015	0.0967	8.3230	0.0711	8.3940	2.2271	0.0661	2.2932		9,855.4650	9,855.4650	0.4560		9,866.8653
Total	51.2003	11.6211	90.5601	0.1956	8.3230	7.1191	15.4421	2.2271	7.1141	9.3412	658.4032	14,004.4606	14,662.8638	0.5621	0.1336	14,716.7410

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	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986
Energy	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
Mobile	1.5832	6.5626	18.5316	0.0705	5.9425	0.0526	5.9950	1.5901	0.0488	1.6390		7,194.9994	7,194.9994	0.3430		7,203.5740
Total	6.6392	10.1287	35.6418	0.0930	5.9425	0.4131	6.3556	1.5901	0.4094	1.9995	0.0000	11,545.1715	11,545.1715	0.4529	0.0792	11,580.1063

West Village Alternative 3 - 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	87.03	12.84	60.64	52.46	28.60	94.20	58.84	28.60	94.25	78.59	100.00	17.56	21.26	19.42	40.71	21.31

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1312.5

Acres of Paving: 3.6

Residential Indoor: 384,750; Residential Outdoor: 128,250; Non-Residential Indoor: 2,190; Non-Residential Outdoor: 730; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village Alternative 3 - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	210.00	49.00	0.00	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
Architectural Coating	1	42.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	8.6733	2.3827	11.0560	3.5965	2.1920	5.7885		6,140.0195	6,140.0195	1.9426		6,188.5854

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	4.7389	54.5202	33.3768	0.0620	3.9030	2.3827	6.2857	1.6184	2.1920	3.8105	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989
Total	0.0999	0.0734	0.9643	2.4400e-003	0.2236	1.9300e-003	0.2255	0.0593	1.7800e-003	0.0611		242.5906	242.5906	8.3300e-003		242.7989

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	8.6733	2.1739	10.8472	3.5965	2.0000	5.5965		6,005.8653	6,005.8653	1.9424		6,054.4257

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	3.9030	2.1739	6.0769	1.6184	2.0000	3.6184	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080
Total	0.0920	0.0655	0.8757	2.3600e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		235.2226	235.2226	7.4200e-003		235.4080

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	3.9030	1.9853	5.8883	1.6184	1.8265	3.4449	0.0000	6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1489	4.7574	1.2437	0.0126	0.3137	9.7300e-003	0.3234	0.0903	9.3000e-003	0.0996		1,346.9151	1,346.9151	0.0794		1,348.8989
Worker	0.9002	0.6187	8.4583	0.0240	2.3473	0.0190	2.3663	0.6225	0.0175	0.6400		2,391.4167	2,391.4167	0.0705		2,393.1783
Total	1.0491	5.3761	9.7020	0.0366	2.6610	0.0287	2.6897	0.7128	0.0268	0.7396		3,738.3318	3,738.3318	0.1498		3,742.0771

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1489	4.7574	1.2437	0.0126	0.3137	9.7300e-003	0.3234	0.0903	9.3000e-003	0.0996		1,346.9151	1,346.9151	0.0794		1,348.8989
Worker	0.9002	0.6187	8.4583	0.0240	2.3473	0.0190	2.3663	0.6225	0.0175	0.6400		2,391.4167	2,391.4167	0.0705		2,393.1783
Total	1.0491	5.3761	9.7020	0.0366	2.6610	0.0287	2.6897	0.7128	0.0268	0.7396		3,738.3318	3,738.3318	0.1498		3,742.0771

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1398	4.5242	1.1767	0.0125	0.3137	8.5000e-003	0.3222	0.0903	8.1300e-003	0.0985		1,335.1809	1,335.1809	0.0766		1,337.0964
Worker	0.8432	0.5589	7.8037	0.0232	2.3473	0.0184	2.3657	0.6225	0.0169	0.6394		2,307.2959	2,307.2959	0.0637		2,308.8879
Total	0.9830	5.0831	8.9804	0.0356	2.6610	0.0269	2.6879	0.7128	0.0251	0.7379		3,642.4767	3,642.4767	0.1403		3,645.9843

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1398	4.5242	1.1767	0.0125	0.3137	8.5000e-003	0.3222	0.0903	8.1300e-003	0.0985		1,335.1809	1,335.1809	0.0766		1,337.0964
Worker	0.8432	0.5589	7.8037	0.0232	2.3473	0.0184	2.3657	0.6225	0.0169	0.6394		2,307.2959	2,307.2959	0.0637		2,308.8879
Total	0.9830	5.0831	8.9804	0.0356	2.6610	0.0269	2.6879	0.7128	0.0251	0.7379		3,642.4767	3,642.4767	0.1403		3,645.9843

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1037	3.4328	1.0627	0.0121	0.3137	3.9700e-003	0.3177	0.0903	3.7900e-003	0.0941		1,293.1464	1,293.1464	0.0679		1,294.8439
Worker	0.7918	0.5057	7.1865	0.0223	2.3473	0.0179	2.3652	0.6225	0.0164	0.6390		2,222.8122	2,222.8122	0.0574		2,224.2476
Total	0.8955	3.9384	8.2492	0.0344	2.6610	0.0218	2.6829	0.7129	0.0202	0.7331		3,515.9586	3,515.9586	0.1253		3,519.0915

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1037	3.4328	1.0627	0.0121	0.3137	3.9700e-003	0.3177	0.0903	3.7900e-003	0.0941		1,293.1464	1,293.1464	0.0679		1,294.8439
Worker	0.7918	0.5057	7.1865	0.0223	2.3473	0.0179	2.3652	0.6225	0.0164	0.6390		2,222.8122	2,222.8122	0.0574		2,224.2476
Total	0.8955	3.9384	8.2492	0.0344	2.6610	0.0218	2.6829	0.7129	0.0202	0.7331		3,515.9586	3,515.9586	0.1253		3,519.0915

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2700	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0602	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

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4
Paving	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1173	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.660 3	2,207.660 3	0.7140		2,225.510 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0602	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	0.0602	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

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Unmitigated Construction Off-Site

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

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	0.0145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0472	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

Mitigated Construction Off-Site

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

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.9943	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1686	0.1118	1.5607	4.6300e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		461.4592	461.4592	0.0127		461.7776
Total	0.1686	0.1118	1.5607	4.6300e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		461.4592	461.4592	0.0127		461.7776

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.9943	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1686	0.1118	1.5607	4.6300e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		461.4592	461.4592	0.0127		461.7776
Total	0.1686	0.1118	1.5607	4.6300e-003	0.4695	3.6700e-003	0.4731	0.1245	3.3800e-003	0.1279		461.4592	461.4592	0.0127		461.7776

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					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	3.9814	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1584	0.1011	1.4373	4.4600e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		444.5624	444.5624	0.0115		444.8495
Total	0.1584	0.1011	1.4373	4.4600e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		444.5624	444.5624	0.0115		444.8495

West Village Alternative 3 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.7898					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	3.9814	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1584	0.1011	1.4373	4.4600e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		444.5624	444.5624	0.0115		444.8495
Total	0.1584	0.1011	1.4373	4.4600e-003	0.4695	3.5700e-003	0.4730	0.1245	3.2900e-003	0.1278		444.5624	444.5624	0.0115		444.8495

4.0 Operational Detail - Mobile

West Village Alternative 3 - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5832	6.5626	18.5316	0.0705	5.9425	0.0526	5.9950	1.5901	0.0488	1.6390		7,194.9994	7,194.9994	0.3430		7,203.5740
Unmitigated	1.8173	7.7091	24.6015	0.0967	8.3230	0.0711	8.3940	2.2271	0.0661	2.2932		9,855.4650	9,855.4650	0.4560		9,866.8653

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.80	8.19	6.03	9,544	6,814
Condo/Townhouse High Rise	1,103.90	818.90	651.70	3,412,319	2,436,333
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	62.34	61.38	29.83	109,512	78,190
Total	1,168.04	888.47	687.55	3,531,375	2,521,337

4.3 Trip Type Information

West Village Alternative 3 - Los Angeles-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village Alternative 3 - 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					
NaturalGas Mitigated	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338
NaturalGas Unmitigated	0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5948.54	0.0642	0.5482	0.2333	3.5000e-003		0.0443	0.0443		0.0443	0.0443		699.8283	699.8283	0.0134	0.0128	703.9871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	8	9.0000e-005	7.8000e-004	6.6000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.9412	0.9412	2.0000e-005	2.0000e-005	0.9468
Total		0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

West Village Alternative 3 - 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.94854	0.0642	0.5482	0.2333	3.5000e-003		0.0443	0.0443		0.0443	0.0443		699.8283	699.8283	0.0134	0.0128	703.9871
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.008	9.0000e-005	7.8000e-004	6.6000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005		0.9412	0.9412	2.0000e-005	2.0000e-005	0.9468
Total		0.0642	0.5490	0.2339	3.5000e-003		0.0444	0.0444		0.0444	0.0444		700.7695	700.7695	0.0134	0.0129	704.9338

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village Alternative 3 - 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	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986
Unmitigated	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419

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	0.3414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.8473					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	44.6589	3.1825	50.0555	0.0946		6.9168	6.9168		6.9168	6.9168	658.4032	3,420.0000	4,078.4032	0.0656	0.1208	4,116.0387
Landscaping	0.4712	0.1805	15.6692	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2261	28.2261	0.0271		28.9032
Total	49.3187	3.3630	65.7247	0.0954		7.0037	7.0037		7.0037	7.0037	658.4032	3,448.2261	4,106.6293	0.0926	0.1208	4,144.9419

West Village Alternative 3 - 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	0.3414					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.8473					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.3319	2.8366	1.2071	0.0181		0.2293	0.2293		0.2293	0.2293	0.0000	3,621.1765	3,621.1765	0.0694	0.0664	3,642.6953
Landscaping	0.4712	0.1805	15.6692	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2261	28.2261	0.0271		28.9032
Total	4.9918	3.0171	16.8763	0.0189		0.3162	0.3162		0.3162	0.3162	0.0000	3,649.4026	3,649.4026	0.0965	0.0664	3,671.5986

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

West Village Alternative 3 - Los Angeles-South Coast County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Greenhouse Gas Emission Worksheet - Alternative 3
N2O Mobile Emissions

From CalEEMod Vehicle Fleet Mix Output:

Annual VMT: 2,521,337

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	54.6%	0.04	0.021832	0.04	0.021832
Light Truck < 3750 lbs	4.5%	0.05	0.002235	0.06	0.002682
Light Truck 3751-5750 lbs	20.5%	0.05	0.01026	0.06	0.012312
Med Truck 5751-8500 lbs	11.9%	0.12	0.0143172	0.2	0.023862
Lite-Heavy Truck 8501-10,000 lbs	1.5%	0.12	0.001842	0.2	0.00307
Lite-Heavy Truck 10,001-14,000 lbs	0.6%	0.09	0.0005604	0.125	0.000778
Med-Heavy Truck 14,001-33,000 lbs	2.0%	0.06	0.0012276	0.05	0.001023
Heavy-Heavy Truck 33,001-60,000 lbs	3.1%	0.06	0.00188	0.05	0.001567
Other Bus	0.3%	0.06	0.0001528	0.05	0.000127
Urban Bus	0.2%	0.06	0.000128	0.05	0.000107
Motorcycle	0.5%	0.09	0.0004666	0.01	5.18E-05
School Bus	0.1%	0.06	4.152E-05	0.05	3.46E-05
Motor Home	0.1%	0.09	7.758E-05	0.125	0.000108
Total	100.0%		0.0550206		0.067554

Total Emissions (metric tons) =
Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)
 CH4 21 GWP
 N2O 310 GWP
 1 ton (short, US) = 0.90718474 metric ton

Annual Mobile Emissions:

	Total Emissions	Total CO2e units
N2O Emissions:	0.1703 metric tons N2O	52.80 metric tons CO2e
Project Total:	52.80 metric tons CO2e	

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
 in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
 Assume Model year 2000-present, gasoline fueled.
 ** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

West Village Alternative 4 - Los Angeles-South Coast County, Annual

West Village Alternative 4
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	0.82	156,816.00	0
Condo/Townhouse High Rise	230.00	Dwelling Unit	6.18	230,000.00	658
Strip Mall	5.00	1000sqft	0.00	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Based on Alt 4 PD. Asphalt surfaces allotted based on 7-acre footprint. Retail acreage accounted for in residential acreage.

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Trips and VMT - 16 CY trucks

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	20.00	327.00
tblConstructionPhase	NumDays	230.00	652.00
tblConstructionPhase	NumDays	20.00	525.00
tblConstructionPhase	NumDays	20.00	652.00
tblGrading	MaterialExported	0.00	64,532.00
tblLandUse	LotAcreage	3.60	0.82
tblLandUse	LotAcreage	3.59	6.18
tblLandUse	LotAcreage	0.11	0.00
tblTripsAndVMT	HaulingTripNumber	48,770.00	8,068.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	11.50	0.00
tblWoodstoves	NumberNoncatalytic	11.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0925	1.0981	0.5943	1.4400e-003	0.4013	0.0467	0.4480	0.1398	0.0430	0.1829	0.0000	132.6232	132.6232	0.0308	0.0000	133.3927
2020	0.3450	4.0617	2.3156	5.6800e-003	1.0140	0.1689	1.1828	0.4709	0.1554	0.6263	0.0000	516.6098	516.6098	0.1219	0.0000	519.6559
2021	0.6767	6.4277	5.8497	0.0131	1.1101	0.2800	1.3902	0.4413	0.2596	0.7009	0.0000	1,177.4240	1,177.4240	0.2250	0.0000	1,183.0484
2022	0.8450	4.2978	5.5417	0.0121	0.4290	0.1887	0.6177	0.1149	0.1762	0.2911	0.0000	1,077.6617	1,077.6617	0.1764	0.0000	1,082.0726
2023	0.8420	2.9542	4.2168	9.2800e-003	0.3465	0.1277	0.4742	0.0928	0.1195	0.2123	0.0000	828.2524	828.2524	0.1316	0.0000	831.5430
Maximum	0.8450	6.4277	5.8497	0.0131	1.1101	0.2800	1.3902	0.4709	0.2596	0.7009	0.0000	1,177.4240	1,177.4240	0.2250	0.0000	1,183.0484

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0925	1.0981	0.5942	1.4400e-003	0.2134	0.0467	0.2602	0.0712	0.0430	0.1142	0.0000	132.6231	132.6231	0.0308	0.0000	133.3926
2020	0.3450	4.0617	2.3156	5.6800e-003	0.5015	0.1689	0.6704	0.2238	0.1554	0.3792	0.0000	516.6094	516.6094	0.1219	0.0000	519.6555
2021	0.6767	6.4277	5.8497	0.0131	0.7053	0.2800	0.9853	0.2534	0.2596	0.5130	0.0000	1,177.4231	1,177.4231	0.2250	0.0000	1,183.0475
2022	0.8450	4.2978	5.5417	0.0121	0.4290	0.1887	0.6177	0.1149	0.1762	0.2911	0.0000	1,077.6610	1,077.6610	0.1764	0.0000	1,082.0719
2023	0.8420	2.9542	4.2168	9.2800e-003	0.3465	0.1277	0.4742	0.0928	0.1195	0.2123	0.0000	828.2519	828.2519	0.1316	0.0000	831.5425
Maximum	0.8450	6.4277	5.8497	0.0131	0.7053	0.2800	0.9853	0.2534	0.2596	0.5130	0.0000	1,177.4231	1,177.4231	0.2250	0.0000	1,183.0475

	ROG	NOx	CO	SO2	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	33.48	0.00	26.87	39.98	0.00	25.01	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	9-4-2019	12-3-2019	0.8226	0.8226
4	12-4-2019	3-3-2020	1.1150	1.1150
5	3-4-2020	6-3-2020	1.1010	1.1010
6	6-4-2020	9-3-2020	1.1003	1.1003
7	9-4-2020	12-3-2020	1.0900	1.0900
8	12-4-2020	3-3-2021	1.0320	1.0320

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9	3-4-2021	6-3-2021	1.9556	1.9556
10	6-4-2021	9-3-2021	2.3591	2.3591
11	9-4-2021	12-3-2021	1.6654	1.6654
12	12-4-2021	3-3-2022	1.2086	1.2086
13	3-4-2022	6-3-2022	1.1867	1.1867
14	6-4-2022	9-3-2022	1.3389	1.3389
15	9-4-2022	12-3-2022	1.3893	1.3893
16	12-4-2022	3-3-2023	1.2914	1.2914
17	3-4-2023	6-3-2023	1.2765	1.2765
18	6-4-2023	9-3-2023	1.2745	1.2745
19	9-4-2023	9-30-2023	0.3602	0.3602
		Highest	2.3591	2.3591

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.6828	0.0755	3.1284	1.5600e-003		0.1178	0.1178		0.1178	0.1178	9.0380	50.8215	59.8595	4.6200e-003	1.6600e-003	60.4691
Energy	0.0142	0.1216	0.0520	7.8000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	469.3660	469.3660	0.0163	5.3900e-003	471.3781
Mobile	0.3679	1.7120	4.9812	0.0196	1.7090	0.0149	1.7240	0.4581	0.0139	0.4719	0.0000	1,811.7984	1,811.7984	0.0865	0.0000	1,813.9610
Waste						0.0000	0.0000		0.0000	0.0000	22.5422	0.0000	22.5422	1.3322	0.0000	55.8472
Water						0.0000	0.0000		0.0000	0.0000	4.8717	97.9536	102.8253	0.5044	0.0127	119.2058
Total	2.0650	1.9091	8.1615	0.0219	1.7090	0.1426	1.8516	0.4581	0.1415	0.5996	36.4518	2,429.9395	2,466.3913	1.9440	0.0197	2,520.8612

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0121	0.0702	2.3893	4.0000e-004		0.0166	0.0166		0.0166	0.0166	0.0000	53.5831	53.5831	4.6700e-003	9.1000e-004	53.9714
Energy	0.0142	0.1216	0.0520	7.8000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	469.3660	469.3660	0.0163	5.3900e-003	471.3781
Mobile	0.3511	1.6209	4.5676	0.0177	1.5381	0.0136	1.5517	0.4123	0.0126	0.4249	0.0000	1,641.1139	1,641.1139	0.0791	0.0000	1,643.0924
Waste						0.0000	0.0000		0.0000	0.0000	22.5422	0.0000	22.5422	1.3322	0.0000	55.8472
Water						0.0000	0.0000		0.0000	0.0000	4.8717	97.9536	102.8253	0.5044	0.0127	119.2058
Total	1.3774	1.8128	7.0088	0.0189	1.5381	0.0400	1.5781	0.4123	0.0391	0.4513	27.4138	2,262.0166	2,289.4304	1.9367	0.0190	2,343.4949

	ROG	NOx	CO	SO2	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	33.30	5.04	14.12	13.69	10.00	71.92	14.77	10.00	72.39	24.73	24.79	6.91	7.17	0.38	3.81	7.04

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 262.5

Acres of Paving: 0.82

Residential Indoor: 465,750; Residential Outdoor: 155,250; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	8,068.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	233.00	51.00	0.00	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
Architectural Coating	1	47.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3416	0.0000	0.3416	0.1248	0.0000	0.1248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0852	0.9355	0.5377	9.8000e-004		0.0461	0.0461		0.0424	0.0424	0.0000	87.9195	87.9195	0.0278	0.0000	88.6149
Total	0.0852	0.9355	0.5377	9.8000e-004	0.3416	0.0461	0.3877	0.1248	0.0424	0.1672	0.0000	87.9195	87.9195	0.0278	0.0000	88.6149

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8200e-003	0.1605	0.0341	4.0000e-004	0.0543	5.7000e-004	0.0549	0.0136	5.5000e-004	0.0141	0.0000	39.4896	39.4896	2.7800e-003	0.0000	39.5592
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4800e-003	2.0700e-003	0.0225	6.0000e-005	5.4200e-003	5.0000e-005	5.4700e-003	1.4400e-003	4.0000e-005	1.4800e-003	0.0000	5.2141	5.2141	1.8000e-004	0.0000	5.2186
Total	7.3000e-003	0.1626	0.0566	4.6000e-004	0.0597	6.2000e-004	0.0603	0.0150	5.9000e-004	0.0156	0.0000	44.7037	44.7037	2.9600e-003	0.0000	44.7778

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1537	0.0000	0.1537	0.0562	0.0000	0.0562	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0852	0.9355	0.5377	9.8000e-004		0.0461	0.0461		0.0424	0.0424	0.0000	87.9194	87.9194	0.0278	0.0000	88.6148
Total	0.0852	0.9355	0.5377	9.8000e-004	0.1537	0.0461	0.1998	0.0562	0.0424	0.0986	0.0000	87.9194	87.9194	0.0278	0.0000	88.6148

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8200e-003	0.1605	0.0341	4.0000e-004	0.0543	5.7000e-004	0.0549	0.0136	5.5000e-004	0.0141	0.0000	39.4896	39.4896	2.7800e-003	0.0000	39.5592
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4800e-003	2.0700e-003	0.0225	6.0000e-005	5.4200e-003	5.0000e-005	5.4700e-003	1.4400e-003	4.0000e-005	1.4800e-003	0.0000	5.2141	5.2141	1.8000e-004	0.0000	5.2186
Total	7.3000e-003	0.1626	0.0566	4.6000e-004	0.0597	6.2000e-004	0.0603	0.0150	5.9000e-004	0.0156	0.0000	44.7037	44.7037	2.9600e-003	0.0000	44.7778

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3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9317	0.0000	0.9317	0.4492	0.0000	0.4492	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3182	3.4566	2.1029	3.8800e-003		0.1668	0.1668		0.1535	0.1535	0.0000	341.3696	341.3696	0.1104	0.0000	344.1297
Total	0.3182	3.4566	2.1029	3.8800e-003	0.9317	0.1668	1.0986	0.4492	0.1535	0.6027	0.0000	341.3696	341.3696	0.1104	0.0000	344.1297

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0178	0.5979	0.1318	1.5800e-003	0.0607	1.8600e-003	0.0626	0.0159	1.7800e-003	0.0177	0.0000	155.1707	155.1707	0.0108	0.0000	155.4408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0700e-003	7.3100e-003	0.0809	2.2000e-004	0.0215	1.8000e-004	0.0217	5.7200e-003	1.7000e-004	5.8900e-003	0.0000	20.0695	20.0695	6.3000e-004	0.0000	20.0854
Total	0.0268	0.6052	0.2127	1.8000e-003	0.0822	2.0400e-003	0.0843	0.0216	1.9500e-003	0.0236	0.0000	175.2402	175.2402	0.0114	0.0000	175.5262

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4193	0.0000	0.4193	0.2022	0.0000	0.2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3182	3.4565	2.1029	3.8800e-003		0.1668	0.1668		0.1535	0.1535	0.0000	341.3692	341.3692	0.1104	0.0000	344.1293
Total	0.3182	3.4565	2.1029	3.8800e-003	0.4193	0.1668	0.5861	0.2022	0.1535	0.3556	0.0000	341.3692	341.3692	0.1104	0.0000	344.1293

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0178	0.5979	0.1318	1.5800e-003	0.0607	1.8600e-003	0.0626	0.0159	1.7800e-003	0.0177	0.0000	155.1707	155.1707	0.0108	0.0000	155.4408
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0700e-003	7.3100e-003	0.0809	2.2000e-004	0.0215	1.8000e-004	0.0217	5.7200e-003	1.7000e-004	5.8900e-003	0.0000	20.0695	20.0695	6.3000e-004	0.0000	20.0854
Total	0.0268	0.6052	0.2127	1.8000e-003	0.0822	2.0400e-003	0.0843	0.0216	1.9500e-003	0.0236	0.0000	175.2402	175.2402	0.0114	0.0000	175.5262

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.7360	0.0000	0.7360	0.3416	0.0000	0.3416	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2256	2.4366	1.5620	2.9200e-003		0.1143	0.1143		0.1051	0.1051	0.0000	256.6289	256.6289	0.0830	0.0000	258.7039
Total	0.2256	2.4366	1.5620	2.9200e-003	0.7360	0.1143	0.8503	0.3416	0.1051	0.4468	0.0000	256.6289	256.6289	0.0830	0.0000	258.7039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0128	0.4190	0.0977	1.1700e-003	0.0586	1.2500e-003	0.0598	0.0151	1.2000e-003	0.0163	0.0000	115.3896	115.3896	8.0100e-003	0.0000	115.5898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	0.0191	0.4240	0.1536	1.3300e-003	0.0748	1.3800e-003	0.0762	0.0194	1.3200e-003	0.0208	0.0000	130.0008	130.0008	8.4400e-003	0.0000	130.2118

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3312	0.0000	0.3312	0.1537	0.0000	0.1537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2256	2.4366	1.5620	2.9200e-003		0.1143	0.1143		0.1051	0.1051	0.0000	256.6286	256.6286	0.0830	0.0000	258.7036
Total	0.2256	2.4366	1.5620	2.9200e-003	0.3312	0.1143	0.4455	0.1537	0.1051	0.2589	0.0000	256.6286	256.6286	0.0830	0.0000	258.7036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0128	0.4190	0.0977	1.1700e-003	0.0586	1.2500e-003	0.0598	0.0151	1.2000e-003	0.0163	0.0000	115.3896	115.3896	8.0100e-003	0.0000	115.5898
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	0.0191	0.4240	0.1536	1.3300e-003	0.0748	1.3800e-003	0.0762	0.0194	1.3200e-003	0.0208	0.0000	130.0008	130.0008	8.4400e-003	0.0000	130.2118

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1627	228.1627	0.0551	0.0000	229.5389

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0156	0.4958	0.1344	1.2800e-003	0.0316	1.0100e-003	0.0327	9.1300e-003	9.7000e-004	0.0101	0.0000	123.8276	123.8276	7.6000e-003	0.0000	124.0174
Worker	0.0988	0.0769	0.8679	2.5100e-003	0.2515	2.0700e-003	0.2536	0.0668	1.9100e-003	0.0687	0.0000	226.9614	226.9614	6.6800e-003	0.0000	227.1284
Total	0.1144	0.5726	1.0023	3.7900e-003	0.2831	3.0800e-003	0.2862	0.0759	2.8800e-003	0.0788	0.0000	350.7890	350.7890	0.0143	0.0000	351.1458

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386
Total	0.1872	1.7171	1.6327	2.6500e-003		0.0944	0.0944		0.0888	0.0888	0.0000	228.1625	228.1625	0.0551	0.0000	229.5386

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0156	0.4958	0.1344	1.2800e-003	0.0316	1.0100e-003	0.0327	9.1300e-003	9.7000e-004	0.0101	0.0000	123.8276	123.8276	7.6000e-003	0.0000	124.0174
Worker	0.0988	0.0769	0.8679	2.5100e-003	0.2515	2.0700e-003	0.2536	0.0668	1.9100e-003	0.0687	0.0000	226.9614	226.9614	6.6800e-003	0.0000	227.1284
Total	0.1144	0.5726	1.0023	3.7900e-003	0.2831	3.0800e-003	0.2862	0.0759	2.8800e-003	0.0788	0.0000	350.7890	350.7890	0.0143	0.0000	351.1458

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0193	0.6216	0.1679	1.6700e-003	0.0418	1.1700e-003	0.0429	0.0121	1.1200e-003	0.0132	0.0000	161.9918	161.9918	9.6800e-003	0.0000	162.2337
Worker	0.1222	0.0917	1.0554	3.2000e-003	0.3319	2.6500e-003	0.3346	0.0882	2.4400e-003	0.0906	0.0000	289.0135	289.0135	7.9600e-003	0.0000	289.2125
Total	0.1415	0.7133	1.2232	4.8700e-003	0.3737	3.8200e-003	0.3775	0.1002	3.5600e-003	0.1038	0.0000	451.0053	451.0053	0.0176	0.0000	451.4462

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0193	0.6216	0.1679	1.6700e-003	0.0418	1.1700e-003	0.0429	0.0121	1.1200e-003	0.0132	0.0000	161.9918	161.9918	9.6800e-003	0.0000	162.2337
Worker	0.1222	0.0917	1.0554	3.2000e-003	0.3319	2.6500e-003	0.3346	0.0882	2.4400e-003	0.0906	0.0000	289.0135	289.0135	7.9600e-003	0.0000	289.2125
Total	0.1415	0.7133	1.2232	4.8700e-003	0.3737	3.8200e-003	0.3775	0.1002	3.5600e-003	0.1038	0.0000	451.0053	451.0053	0.0176	0.0000	451.4462

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3.3 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	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0096	226.0096	0.0538	0.0000	227.3537

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0108	0.3523	0.1129	1.2100e-003	0.0313	4.1000e-004	0.0317	9.0400e-003	3.9000e-004	9.4300e-003	0.0000	117.6903	117.6903	6.4100e-003	0.0000	117.8507
Worker	0.0862	0.0622	0.7279	2.3100e-003	0.2489	1.9300e-003	0.2509	0.0661	1.7800e-003	0.0679	0.0000	208.8282	208.8282	5.3800e-003	0.0000	208.9626
Total	0.0970	0.4144	0.8408	3.5200e-003	0.2803	2.3400e-003	0.2826	0.0752	2.1700e-003	0.0773	0.0000	326.5186	326.5186	0.0118	0.0000	326.8133

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3.3 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535
Total	0.1533	1.4025	1.5838	2.6300e-003		0.0682	0.0682		0.0642	0.0642	0.0000	226.0094	226.0094	0.0538	0.0000	227.3535

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0108	0.3523	0.1129	1.2100e-003	0.0313	4.1000e-004	0.0317	9.0400e-003	3.9000e-004	9.4300e-003	0.0000	117.6903	117.6903	6.4100e-003	0.0000	117.8507
Worker	0.0862	0.0622	0.7279	2.3100e-003	0.2489	1.9300e-003	0.2509	0.0661	1.7800e-003	0.0679	0.0000	208.8282	208.8282	5.3800e-003	0.0000	208.9626
Total	0.0970	0.4144	0.8408	3.5200e-003	0.2803	2.3400e-003	0.2826	0.0752	2.1700e-003	0.0773	0.0000	326.5186	326.5186	0.0118	0.0000	326.8133

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3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260
Paving	3.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1240	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2313	197.2313	0.0638	0.0000	198.8260

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1237	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258
Paving	3.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1240	1.2725	1.4433	2.2500e-003		0.0668	0.0668		0.0614	0.0614	0.0000	197.2311	197.2311	0.0638	0.0000	198.8258

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220
Total	6.3600e-003	4.9500e-003	0.0559	1.6000e-004	0.0162	1.3000e-004	0.0163	4.3000e-003	1.2000e-004	4.4200e-003	0.0000	14.6113	14.6113	4.3000e-004	0.0000	14.6220

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3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634
Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1438	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631
Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1438	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188
Total	7.8700e-003	5.9000e-003	0.0679	2.1000e-004	0.0214	1.7000e-004	0.0215	5.6800e-003	1.6000e-004	5.8300e-003	0.0000	18.6060	18.6060	5.1000e-004	0.0000	18.6188

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3.4 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	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407
Paving	3.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1010	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2620	195.2620	0.0632	0.0000	196.8407

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1007	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405
Paving	3.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1010	0.9937	1.4220	2.2200e-003		0.0497	0.0497		0.0458	0.0458	0.0000	195.2617	195.2617	0.0632	0.0000	196.8405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525
Total	5.5500e-003	4.0000e-003	0.0469	1.5000e-004	0.0160	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.4439	13.4439	3.5000e-004	0.0000	13.4525

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3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.3175	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0125	9.3900e-003	0.1081	3.3000e-004	0.0340	2.7000e-004	0.0343	9.0300e-003	2.5000e-004	9.2800e-003	0.0000	29.5979	29.5979	8.2000e-004	0.0000	29.6183
Total	0.0125	9.3900e-003	0.1081	3.3000e-004	0.0340	2.7000e-004	0.0343	9.0300e-003	2.5000e-004	9.2800e-003	0.0000	29.5979	29.5979	8.2000e-004	0.0000	29.6183

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3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3040					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0135	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789
Total	0.3175	0.0930	0.1197	2.0000e-004		5.3900e-003	5.3900e-003		5.3900e-003	5.3900e-003	0.0000	16.8515	16.8515	1.1000e-003	0.0000	16.8789

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0125	9.3900e-003	0.1081	3.3000e-004	0.0340	2.7000e-004	0.0343	9.0300e-003	2.5000e-004	9.2800e-003	0.0000	29.5979	29.5979	8.2000e-004	0.0000	29.6183
Total	0.0125	9.3900e-003	0.1081	3.3000e-004	0.0340	2.7000e-004	0.0343	9.0300e-003	2.5000e-004	9.2800e-003	0.0000	29.5979	29.5979	8.2000e-004	0.0000	29.6183

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3.5 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	0.4490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315
Total	0.4677	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9315

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0174	0.0125	0.1468	4.7000e-004	0.0502	3.9000e-004	0.0506	0.0133	3.6000e-004	0.0137	0.0000	42.1242	42.1242	1.0800e-003	0.0000	42.1513
Total	0.0174	0.0125	0.1468	4.7000e-004	0.0502	3.9000e-004	0.0506	0.0133	3.6000e-004	0.0137	0.0000	42.1242	42.1242	1.0800e-003	0.0000	42.1513

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3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4490					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314
Total	0.4677	0.1270	0.1766	2.9000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	24.8942	24.8942	1.4900e-003	0.0000	24.9314

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0174	0.0125	0.1468	4.7000e-004	0.0502	3.9000e-004	0.0506	0.0133	3.6000e-004	0.0137	0.0000	42.1242	42.1242	1.0800e-003	0.0000	42.1513
Total	0.0174	0.0125	0.1468	4.7000e-004	0.0502	3.9000e-004	0.0506	0.0133	3.6000e-004	0.0137	0.0000	42.1242	42.1242	1.0800e-003	0.0000	42.1513

4.0 Operational Detail - Mobile

West Village Alternative 4 - Los Angeles-South Coast County, Annual

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3511	1.6209	4.5676	0.0177	1.5381	0.0136	1.5517	0.4123	0.0126	0.4249	0.0000	1,641.1139	1,641.1139	0.0791	0.0000	1,643.0924
Unmitigated	0.3679	1.7120	4.9812	0.0196	1.7090	0.0149	1.7240	0.4581	0.0139	0.4719	0.0000	1,811.7984	1,811.7984	0.0865	0.0000	1,813.9610

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,336.30	991.30	788.90	4,128,203	3,715,383
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	213.50	210.20	102.15	375,042	337,538
Total	1,549.80	1,201.50	891.05	4,503,245	4,052,921

4.3 Trip Type Information

West Village Alternative 4 - Los Angeles-South Coast County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Village Alternative 4 - 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					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	328.5754	328.5754	0.0136	2.8100e-003	329.7509
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	328.5754	328.5754	0.0136	2.8100e-003	329.7509
NaturalGas Mitigated	0.0142	0.1216	0.0520	7.8000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	140.7906	140.7906	2.7000e-003	2.5800e-003	141.6272
NaturalGas Unmitigated	0.0142	0.1216	0.0520	7.8000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	140.7906	140.7906	2.7000e-003	2.5800e-003	141.6272

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					
Condo/Townhouse High Rise	2.62832e+006	0.0142	0.1211	0.0515	7.7000e-004		9.7900e-003	9.7900e-003		9.7900e-003	9.7900e-003	0.0000	140.2569	140.2569	2.6900e-003	2.5700e-003	141.0904
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	10000	5.0000e-005	4.9000e-004	4.1000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5336	0.5336	1.0000e-005	1.0000e-005	0.5368
Total		0.0142	0.1216	0.0520	7.7000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	140.7906	140.7906	2.7000e-003	2.5800e-003	141.6272

West Village Alternative 4 - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.62832e+006	0.0142	0.1211	0.0515	7.7000e-004		9.7900e-003	9.7900e-003		9.7900e-003	9.7900e-003	0.0000	140.2569	140.2569	2.6900e-003	2.5700e-003	141.0904
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	10000	5.0000e-005	4.9000e-004	4.1000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5336	0.5336	1.0000e-005	1.0000e-005	0.5368
Total		0.0142	0.1216	0.0520	7.7000e-004		9.8300e-003	9.8300e-003		9.8300e-003	9.8300e-003	0.0000	140.7906	140.7906	2.7000e-003	2.5800e-003	141.6272

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	974041	310.3503	0.0128	2.6500e-003	311.4606
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	57200	18.2252	7.5000e-004	1.6000e-004	18.2904
Total		328.5754	0.0136	2.8100e-003	329.7509

West Village Alternative 4 - 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			
Condo/Townhouse High Rise	974041	310.3503	0.0128	2.6500e-003	311.4606
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	57200	18.2252	7.5000e-004	1.6000e-004	18.2904
Total		328.5754	0.0136	2.8100e-003	329.7509

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

West Village Alternative 4 - 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	1.0121	0.0702	2.3893	4.0000e-004		0.0166	0.0166		0.0166	0.0166	0.0000	53.5831	53.5831	4.6700e-003	9.1000e-004	53.9714
Unmitigated	1.6828	0.0755	3.1284	1.5600e-003		0.1178	0.1178		0.1178	0.1178	9.0380	50.8215	59.8595	4.6200e-003	1.6600e-003	60.4691

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	0.0765					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8593					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.6758	0.0482	0.7574	1.4300e-003		0.1047	0.1047		0.1047	0.1047	9.0380	46.9468	55.9848	9.0000e-004	1.6600e-003	56.5014
Landscaping	0.0713	0.0273	2.3710	1.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8747	3.8747	3.7200e-003	0.0000	3.9676
Total	1.6828	0.0755	3.1284	1.5600e-003		0.1178	0.1178		0.1178	0.1178	9.0380	50.8215	59.8595	4.6200e-003	1.6600e-003	60.4691

West Village Alternative 4 - 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	0.0765					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8593					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	5.0200e-003	0.0429	0.0183	2.7000e-004		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	49.7084	49.7084	9.5000e-004	9.1000e-004	50.0038
Landscaping	0.0713	0.0273	2.3710	1.3000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	3.8747	3.8747	3.7200e-003	0.0000	3.9676
Total	1.0121	0.0702	2.3893	4.0000e-004		0.0166	0.0166		0.0166	0.0166	0.0000	53.5831	53.5831	4.6700e-003	9.1000e-004	53.9714

7.0 Water Detail

7.1 Mitigation Measures Water

West Village Alternative 4 - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	102.8253	0.5044	0.0127	119.2058
Unmitigated	102.8253	0.5044	0.0127	119.2058

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	14.9854 / 9.44733	100.3677	0.4923	0.0124	116.3532
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	2.4576	0.0122	3.0000e-004	2.8526
Total		102.8253	0.5044	0.0127	119.2058

West Village Alternative 4 - 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			
Condo/Townhouse High Rise	14.9854 / 9.44733	100.3677	0.4923	0.0124	116.3532
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.370363 / 0.226996	2.4576	0.0122	3.0000e-004	2.8526
Total		102.8253	0.5044	0.0127	119.2058

8.0 Waste Detail

8.1 Mitigation Measures Waste

West Village Alternative 4 - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.5422	1.3322	0.0000	55.8472
Unmitigated	22.5422	1.3322	0.0000	55.8472

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	105.8	21.4764	1.2692	0.0000	53.2070
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		22.5421	1.3322	0.0000	55.8472

West Village Alternative 4 - 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			
Condo/Townhouse High Rise	105.8	21.4764	1.2692	0.0000	53.2070
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.25	1.0657	0.0630	0.0000	2.6402
Total		22.5421	1.3322	0.0000	55.8472

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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West Village Alternative 4 - Los Angeles-South Coast County, Annual

11.0 Vegetation

West Village Alternative 4 - Los Angeles-South Coast County, Summer

West Village Alternative 4
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	0.82	156,816.00	0
Condo/Townhouse High Rise	230.00	Dwelling Unit	6.18	230,000.00	658
Strip Mall	5.00	1000sqft	0.00	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village Alternative 4 - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Based on Alt 4 PD. Asphalt surfaces allotted based on 7-acre footprint. Retail acreage accounted for in residential acreage.

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Trips and VMT - 16 CY trucks

West Village Alternative 4 - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	20.00	327.00
tblConstructionPhase	NumDays	230.00	652.00
tblConstructionPhase	NumDays	20.00	525.00
tblConstructionPhase	NumDays	20.00	652.00
tblGrading	MaterialExported	0.00	64,532.00
tblLandUse	LotAcreage	3.60	0.82
tblLandUse	LotAcreage	3.59	6.18
tblLandUse	LotAcreage	0.11	0.00
tblTripsAndVMT	HaulingTripNumber	48,770.00	8,068.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	11.50	0.00
tblWoodstoves	NumberNoncatalytic	11.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

West Village Alternative 4 - Los Angeles-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	2.7998	33.1099	18.0202	0.0438	8.4156	1.4161	9.8317	3.8345	1.3034	5.1380	0.0000	4,447.2984	4,447.2984	1.0269	0.0000	4,472.9714
2020	2.6321	30.8538	17.6889	0.0436	7.2066	1.2889	8.4955	3.5378	1.1863	4.7241	0.0000	4,364.11188	4,364.1118	1.0241	0.0000	4,389.7144
2021	6.8606	64.9366	59.9399	0.1345	10.4395	2.8428	13.2823	4.3999	2.6356	7.0355	0.0000	13,330.1456	13,330.1456	2.5178	0.0000	13,393.0912
2022	8.9523	33.6430	44.9445	0.0982	3.6239	1.4933	5.1172	0.9685	1.3976	2.3661	0.0000	9,674.3213	9,674.3213	1.5135	0.0000	9,712.1583
2023	8.6261	30.1628	43.8407	0.0966	3.6239	1.3100	4.9339	0.9685	1.2257	2.1942	0.0000	9,512.6919	9,512.6919	1.4900	0.0000	9,549.9416
Maximum	8.9523	64.9366	59.9399	0.1345	10.4395	2.8428	13.2823	4.3999	2.6356	7.0355	0.0000	13,330.1456	13,330.1456	2.5178	0.0000	13,393.0912

West Village Alternative 4 - 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	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.1689	4,971.1833	0.1121	0.1462	5,017.5618
Energy	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
Mobile	2.3573	9.9727	31.4035	0.1230	10.5670	0.0905	10.6576	2.8276	0.0842	2.9118		12,540.4174	12,540.4174	0.5820		12,554.9675
Total	62.1938	14.7100	111.2499	0.2427	10.5670	8.6225	19.1896	2.8276	8.6161	11.4437	797.0144	17,564.9701	18,361.9845	0.7104	0.1618	18,427.9665

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	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.6983	4,417.6983	0.1168	0.0804	4,444.5671
Energy	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
Mobile	2.2534	9.4638	28.7091	0.1114	9.5103	0.0823	9.5927	2.5448	0.0765	2.6214		11,359.4476	11,359.4476	0.5318		11,372.7434
Total	8.4310	13.7824	49.4232	0.1386	9.5103	0.5189	10.0293	2.5448	0.5131	3.0580	0.0000	16,627.5298	16,627.5298	0.6649	0.0960	16,672.7478

West Village Alternative 4 - 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	86.44	6.31	55.57	42.91	10.00	93.98	47.74	10.00	94.04	73.28	100.00	5.34	9.45	6.40	40.70	9.52

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 262.5

Acres of Paving: 0.82

Residential Indoor: 465,750; Residential Outdoor: 155,250; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village Alternative 4 - Los Angeles-South Coast County, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	8,068.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	233.00	51.00	0.00	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
Architectural Coating	1	47.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	6.5662	1.3974	7.9636	3.3696	1.2856	4.6552		2,936.8068	2,936.8068	0.9292		2,960.0361

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1444	4.7068	1.0035	0.0123	1.6817	0.0173	1.6990	0.4205	0.0165	0.4370		1,328.5487	1,328.5487	0.0915		1,330.8361
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		181.9429	181.9429	6.2500e-003		182.0992
Total	0.2193	4.7619	1.7268	0.0141	1.8494	0.0187	1.8681	0.4650	0.0179	0.4828		1,510.4917	1,510.4917	0.0978		1,512.9353

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	2.9548	1.3974	4.3522	1.5163	1.2856	2.8019	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1444	4.7068	1.0035	0.0123	1.6817	0.0173	1.6990	0.4205	0.0165	0.4370		1,328.5487	1,328.5487	0.0915		1,330.8361
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0749	0.0551	0.7233	1.8300e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		181.9429	181.9429	6.2500e-003		182.0992
Total	0.2193	4.7619	1.7268	0.0141	1.8494	0.0187	1.8681	0.4650	0.0179	0.4828		1,510.4917	1,510.4917	0.0978		1,512.9353

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	2.4288	26.3859	16.0530	0.0297	6.5662	1.2734	7.8397	3.3696	1.1716	4.5411		2,872.4851	2,872.4851	0.9290		2,895.7106

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1342	4.4188	0.9792	0.0121	0.4727	0.0141	0.4868	0.1237	0.0135	0.1372		1,315.2097	1,315.2097	0.0895		1,317.4478
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.2033	4.4679	1.6359	0.0139	0.6403	0.0155	0.6558	0.1682	0.0148	0.1830		1,491.6267	1,491.6267	0.0951		1,494.0038

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.485 1	2,872.485 1	0.9290		2,895.710 6
Total	2.4288	26.3859	16.0530	0.0297	2.9548	1.2734	4.2282	1.5163	1.1716	2.6879	0.0000	2,872.485 1	2,872.485 1	0.9290		2,895.710 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1342	4.4188	0.9792	0.0121	0.4727	0.0141	0.4868	0.1237	0.0135	0.1372		1,315.209 7	1,315.209 7	0.0895		1,317.447 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.2033	4.4679	1.6359	0.0139	0.6403	0.0155	0.6558	0.1682	0.0148	0.1830		1,491.626 7	1,491.626 7	0.0951		1,494.003 8

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.5662	1.1599	7.7262	3.3696	1.0671	4.4367		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1281	4.1223	0.9666	0.0120	0.6070	0.0127	0.6197	0.1567	0.0121	0.1688		1,300.7864	1,300.7864	0.0883		1,302.9933
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.1924	4.1665	1.5707	0.0137	0.7747	0.0140	0.7887	0.2012	0.0134	0.2145		1,471.6019	1,471.6019	0.0933		1,473.9346

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.9548	1.1599	4.1147	1.5163	1.0671	2.5834	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1281	4.1223	0.9666	0.0120	0.6070	0.0127	0.6197	0.1567	0.0121	0.1688		1,300.7864	1,300.7864	0.0883		1,302.9933
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.1924	4.1665	1.5707	0.0137	0.7747	0.0140	0.7887	0.2012	0.0134	0.2145		1,471.6019	1,471.6019	0.0933		1,473.9346

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1550	4.9516	1.2945	0.0131	0.3265	0.0101	0.3366	0.0940	9.6800e-003	0.1037		1,401.8912	1,401.8912	0.0826		1,403.9560
Worker	0.9988	0.6865	9.3846	0.0266	2.6044	0.0210	2.6254	0.6907	0.0194	0.7101		2,653.3338	2,653.3338	0.0782		2,655.2883
Total	1.1538	5.6381	10.6791	0.0398	2.9309	0.0312	2.9621	0.7847	0.0291	0.8138		4,055.2250	4,055.2250	0.1608		4,059.2442

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1550	4.9516	1.2945	0.0131	0.3265	0.0101	0.3366	0.0940	9.6800e-003	0.1037		1,401.8912	1,401.8912	0.0826		1,403.9560
Worker	0.9988	0.6865	9.3846	0.0266	2.6044	0.0210	2.6254	0.6907	0.0194	0.7101		2,653.3338	2,653.3338	0.0782		2,655.2883
Total	1.1538	5.6381	10.6791	0.0398	2.9309	0.0312	2.9621	0.7847	0.0291	0.8138		4,055.2250	4,055.2250	0.1608		4,059.2442

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1455	4.7088	1.2248	0.0130	0.3265	8.8500e-003	0.3354	0.0940	8.4700e-003	0.1025		1,389.6780	1,389.6780	0.0798		1,391.6717
Worker	0.9356	0.6201	8.6583	0.0257	2.6044	0.0204	2.6248	0.6907	0.0188	0.7095		2,559.9997	2,559.9997	0.0707		2,561.7661
Total	1.0810	5.3290	9.8831	0.0387	2.9309	0.0292	2.9602	0.7847	0.0273	0.8120		3,949.6777	3,949.6777	0.1504		3,953.4379

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1455	4.7088	1.2248	0.0130	0.3265	8.8500e-003	0.3354	0.0940	8.4700e-003	0.1025		1,389.6780	1,389.6780	0.0798		1,391.6717
Worker	0.9356	0.6201	8.6583	0.0257	2.6044	0.0204	2.6248	0.6907	0.0188	0.7095		2,559.9997	2,559.9997	0.0707		2,561.7661
Total	1.0810	5.3290	9.8831	0.0387	2.9309	0.0292	2.9602	0.7847	0.0273	0.8120		3,949.6777	3,949.6777	0.1504		3,953.4379

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1079	3.5729	1.1061	0.0126	0.3265	4.1300e-003	0.3307	0.0940	3.9400e-003	0.0980		1,345.9279	1,345.9279	0.0707		1,347.6946
Worker	0.8786	0.5610	7.9736	0.0247	2.6044	0.0198	2.6242	0.6907	0.0182	0.7089		2,466.2630	2,466.2630	0.0637		2,467.8557
Total	0.9865	4.1339	9.0797	0.0373	2.9309	0.0239	2.9549	0.7847	0.0222	0.8069		3,812.1909	3,812.1909	0.1344		3,815.5503

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1079	3.5729	1.1061	0.0126	0.3265	4.1300e-003	0.3307	0.0940	3.9400e-003	0.0980		1,345.9279	1,345.9279	0.0707		1,347.6946
Worker	0.8786	0.5610	7.9736	0.0247	2.6044	0.0198	2.6242	0.6907	0.0182	0.7089		2,466.2630	2,466.2630	0.0637		2,467.8557
Total	0.9865	4.1339	9.0797	0.0373	2.9309	0.0239	2.9549	0.7847	0.0222	0.8069		3,812.1909	3,812.1909	0.1344		3,815.5503

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2589	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2589	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0602	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

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0602	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

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 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	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0360	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

Unmitigated Construction Off-Site

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

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0360	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

Mitigated Construction Off-Site

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

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	4.8099	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1887	0.1251	1.7465	5.1800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		516.3948	516.3948	0.0143		516.7511
Total	0.1887	0.1251	1.7465	5.1800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		516.3948	516.3948	0.0143		516.7511

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	4.8099	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1887	0.1251	1.7465	5.1800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		516.3948	516.3948	0.0143		516.7511
Total	0.1887	0.1251	1.7465	5.1800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		516.3948	516.3948	0.0143		516.7511

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.5 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	4.6054					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	4.7970	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1772	0.1132	1.6084	4.9900e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		497.4865	497.4865	0.0129		497.8078
Total	0.1772	0.1132	1.6084	4.9900e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		497.4865	497.4865	0.0129		497.8078

West Village Alternative 4 - Los Angeles-South Coast County, Summer

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					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	4.7970	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1772	0.1132	1.6084	4.9900e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		497.4865	497.4865	0.0129		497.8078
Total	0.1772	0.1132	1.6084	4.9900e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		497.4865	497.4865	0.0129		497.8078

4.0 Operational Detail - Mobile

West Village Alternative 4 - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2534	9.4638	28.7091	0.1114	9.5103	0.0823	9.5927	2.5448	0.0765	2.6214		11,359.4476	11,359.4476	0.5318		11,372.7434
Unmitigated	2.3573	9.9727	31.4035	0.1230	10.5670	0.0905	10.6576	2.8276	0.0842	2.9118		12,540.4174	12,540.4174	0.5820		12,554.9675

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,336.30	991.30	788.90	4,128,203	3,715,383
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	213.50	210.20	102.15	375,042	337,538
Total	1,549.80	1,201.50	891.05	4,503,245	4,052,921

4.3 Trip Type Information

West Village Alternative 4 - Los Angeles-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
NaturalGas Unmitigated	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

West Village Alternative 4 - 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					
Condo/Townhouse High Rise	7200.87	0.0777	0.6636	0.2824	4.2400e-003		0.0537	0.0537		0.0537	0.0537		847.1606	847.1606	0.0162	0.0155	852.1949
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	27.3973	3.0000e-004	2.6900e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		3.2232	3.2232	6.0000e-005	6.0000e-005	3.2424
Total		0.0780	0.6663	0.2847	4.2600e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	7.20087	0.0777	0.6636	0.2824	4.2400e-003		0.0537	0.0537		0.0537	0.0537		847.1606	847.1606	0.0162	0.0155	852.1949
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0273973	3.0000e-004	2.6900e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		3.2232	3.2232	6.0000e-005	6.0000e-005	3.2424
Total		0.0780	0.6663	0.2847	4.2600e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

6.0 Area Detail

West Village Alternative 4 - Los Angeles-South Coast County, Summer

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.698 3	4,417.698 3	0.1168	0.0804	4,444.567 1
Unmitigated	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.168 9	4,971.183 3	0.1121	0.1462	5,017.561 8

West Village Alternative 4 - Los Angeles-South Coast County, Summer

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.4189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.7085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	54.0608	3.8525	60.5935	0.1145		8.3730	8.3730		8.3730	8.3730	797.0144	4,140.0000	4,937.0144	0.0794	0.1462	4,982.5731
Landscaping	0.5704	0.2185	18.9682	1.0000e-003		0.1051	0.1051		0.1051	0.1051		34.1689	34.1689	0.0328		34.9886
Total	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.1689	4,971.1833	0.1121	0.1462	5,017.5618

West Village Alternative 4 - 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	0.4189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.7085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4018	3.4338	1.4612	0.0219		0.2776	0.2776		0.2776	0.2776	0.0000	4,383.529 4	4,383.529 4	0.0840	0.0804	4,409.578 5
Landscaping	0.5704	0.2185	18.9682	1.0000e-003		0.1051	0.1051		0.1051	0.1051		34.1689	34.1689	0.0328		34.9886
Total	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.698 3	4,417.698 3	0.1168	0.0804	4,444.567 2

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

West Village Alternative 4 - Los Angeles-South Coast County, Summer

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

West Village Alternative 4 - Los Angeles-South Coast County, Winter

West Village Alternative 4
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.60	Acre	0.82	156,816.00	0
Condo/Townhouse High Rise	230.00	Dwelling Unit	6.18	230,000.00	658
Strip Mall	5.00	1000sqft	0.00	5,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	8			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

West Village Alternative 4 - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Based on Alt 4 PD. Asphalt surfaces allotted based on 7-acre footprint. Retail acreage accounted for in residential acreage.

Construction Phase - Applicant provided construction schedule

Grading -

Architectural Coating - SCAQMD Rule 1113 and CalGreen requirements

Vehicle Trips - Source: ATE 2018

Woodstoves - SCAQMD Rule 445

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Trips and VMT - 16 CY trucks

West Village Alternative 4 - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstructionPhase	NumDays	20.00	327.00
tblConstructionPhase	NumDays	230.00	652.00
tblConstructionPhase	NumDays	20.00	525.00
tblConstructionPhase	NumDays	20.00	652.00
tblGrading	MaterialExported	0.00	64,532.00
tblLandUse	LotAcreage	3.60	0.82
tblLandUse	LotAcreage	3.59	6.18
tblLandUse	LotAcreage	0.11	0.00
tblTripsAndVMT	HaulingTripNumber	48,770.00	8,068.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	WD_TR	4.18	5.81
tblVehicleTrips	WD_TR	44.32	42.70
tblWoodstoves	NumberCatalytic	11.50	0.00
tblWoodstoves	NumberNoncatalytic	11.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

West Village Alternative 4 - Los Angeles-South Coast County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	2.8116	33.1786	18.0285	0.0434	8.4156	1.4164	9.8320	3.8345	1.3037	5.1383	0.0000	4,414.1430	4,414.1430	1.0300	0.0000	4,439.8943
2020	2.6430	30.9163	17.6951	0.0433	7.2066	1.2892	8.4957	3.5378	1.1865	4.7243	0.0000	4,331.1595	4,331.1595	1.0270	0.0000	4,356.8353
2021	6.9981	65.0597	59.2279	0.1322	10.4395	2.8433	13.2828	4.3999	2.6361	7.0360	0.0000	13,094.2384	13,094.2384	2.5211	0.0000	13,157.2660
2022	9.0962	33.7139	44.1186	0.0960	3.6239	1.4936	5.1175	0.9685	1.3979	2.3664	0.0000	9,446.7703	9,446.7703	1.5132	0.0000	9,484.6011
2023	8.7640	30.2221	43.0409	0.0944	3.6239	1.3102	4.9341	0.9685	1.2259	2.1944	0.0000	9,293.9485	9,293.9485	1.4891	0.0000	9,331.1759
Maximum	9.0962	65.0597	59.2279	0.1322	10.4395	2.8433	13.2828	4.3999	2.6361	7.0360	0.0000	13,094.2384	13,094.2384	2.5211	0.0000	13,157.2660

West Village Alternative 4 - 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	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.1689	4,971.1833	0.1121	0.1462	5,017.5618
Energy	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
Mobile	2.2827	10.2015	29.7542	0.1171	10.5670	0.0909	10.6580	2.8276	0.0845	2.9121		11,941.6011	11,941.6011	0.5804		11,956.1102
Total	62.1193	14.9388	109.6005	0.2368	10.5670	8.6229	19.1899	2.8276	8.6165	11.4441	797.0144	16,966.1538	17,763.1682	0.7088	0.1618	17,829.1092

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	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.6983	4,417.6983	0.1168	0.0804	4,444.5671
Energy	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
Mobile	2.1812	9.6608	27.3122	0.1060	9.5103	0.0827	9.5930	2.5448	0.0769	2.6217		10,813.5667	10,813.5667	0.5314		10,826.8515
Total	8.3589	13.9794	48.0262	0.1332	9.5103	0.5193	10.0296	2.5448	0.5135	3.0583	0.0000	16,081.6488	16,081.6488	0.6645	0.0960	16,126.8559

West Village Alternative 4 - 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	N20	CO2e
Percent Reduction	86.54	6.42	56.18	43.76	10.00	93.98	47.73	10.00	94.04	73.28	100.00	5.21	9.47	6.25	40.70	9.55

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2019	10/4/2021	5	525	
2	Building Construction	Building Construction	4/1/2021	9/29/2023	5	652	
3	Paving	Paving	4/1/2021	9/29/2023	5	652	
4	Architectural Coating	Architectural Coating	6/30/2022	9/29/2023	5	327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 262.5

Acres of Paving: 0.82

Residential Indoor: 465,750; Residential Outdoor: 155,250; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area: 9,409 (Architectural Coating – sqft)

OffRoad Equipment

West Village Alternative 4 - Los Angeles-South Coast County, Winter

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	8,068.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	233.00	51.00	0.00	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
Architectural Coating	1	47.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	6.5662	1.3974	7.9636	3.3696	1.2856	4.6552		2,936.8068	2,936.8068	0.9292		2,960.0361

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1480	4.7697	1.0714	0.0121	1.6817	0.0176	1.6993	0.4205	0.0168	0.4373		1,306.0166	1,306.0166	0.0950		1,308.3912
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		171.3196	171.3196	5.8900e-003		171.4670
Total	0.2311	4.8306	1.7351	0.0138	1.8494	0.0191	1.8684	0.4650	0.0182	0.4831		1,477.3362	1,477.3362	0.1009		1,479.8581

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	2.5805	28.3480	16.2934	0.0297	2.9548	1.3974	4.3522	1.5163	1.2856	2.8019	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1480	4.7697	1.0714	0.0121	1.6817	0.0176	1.6993	0.4205	0.0168	0.4373		1,306.0166	1,306.0166	0.0950		1,308.3912
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0831	0.0610	0.6637	1.7200e-003	0.1677	1.4500e-003	0.1691	0.0445	1.3300e-003	0.0458		171.3196	171.3196	5.8900e-003		171.4670
Total	0.2311	4.8306	1.7351	0.0138	1.8494	0.0191	1.8684	0.4650	0.0182	0.4831		1,477.3362	1,477.3362	0.1009		1,479.8581

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.485 1	2,872.485 1	0.9290		2,895.710 6
Total	2.4288	26.3859	16.0530	0.0297	6.5662	1.2734	7.8397	3.3696	1.1716	4.5411		2,872.485 1	2,872.485 1	0.9290		2,895.710 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1375	4.4760	1.0406	0.0119	0.4727	0.0143	0.4870	0.1237	0.0137	0.1374		1,292.561 3	1,292.561 3	0.0928		1,294.880 7
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440
Total	0.2142	4.5304	1.6421	0.0136	0.6403	0.0157	0.6560	0.1682	0.0150	0.1832		1,458.674 4	1,458.674 4	0.0980		1,461.124 7

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.485 1	2,872.485 1	0.9290		2,895.710 6
Total	2.4288	26.3859	16.0530	0.0297	2.9548	1.2734	4.2282	1.5163	1.1716	2.6879	0.0000	2,872.485 1	2,872.485 1	0.9290		2,895.710 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1375	4.4760	1.0406	0.0119	0.4727	0.0143	0.4870	0.1237	0.0137	0.1374		1,292.561 3	1,292.561 3	0.0928		1,294.880 7
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0767	0.0544	0.6015	1.6700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		166.1131	166.1131	5.2400e-003		166.2440
Total	0.2142	4.5304	1.6421	0.0136	0.6403	0.0157	0.6560	0.1682	0.0150	0.1832		1,458.674 4	1,458.674 4	0.0980		1,461.124 7

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5662	0.0000	6.5662	3.3696	0.0000	3.3696			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.5662	1.1599	7.7262	3.3696	1.0671	4.4367		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1312	4.1728	1.0249	0.0118	0.6070	0.0128	0.6198	0.1567	0.0123	0.1690		1,278.2526	1,278.2526	0.0914		1,280.5373
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.2027	4.2217	1.5773	0.0134	0.7747	0.0142	0.7889	0.2012	0.0135	0.2147		1,439.0902	1,439.0902	0.0961		1,441.4933

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.2 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9548	0.0000	2.9548	1.5163	0.0000	1.5163			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.9548	1.1599	4.1147	1.5163	1.0671	2.5834	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1312	4.1728	1.0249	0.0118	0.6070	0.0128	0.6198	0.1567	0.0123	0.1690		1,278.2526	1,278.2526	0.0914		1,280.5373
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.2027	4.2217	1.5773	0.0134	0.7747	0.0142	0.7889	0.2012	0.0135	0.2147		1,439.0902	1,439.0902	0.0961		1,441.4933

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	4.9413	1.4319	0.0128	0.3265	0.0105	0.3370	0.0940	9.9900e-003	0.1040		1,363.4622	1,363.4622	0.0880		1,365.6627
Worker	1.1110	0.7599	8.5804	0.0251	2.6044	0.0210	2.6254	0.6907	0.0194	0.7101		2,498.3450	2,498.3450	0.0735		2,500.1830
Total	1.2737	5.7013	10.0123	0.0378	2.9309	0.0315	2.9624	0.7847	0.0294	0.8141		3,861.8072	3,861.8072	0.1615		3,865.8457

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1627	4.9413	1.4319	0.0128	0.3265	0.0105	0.3370	0.0940	9.9900e-003	0.1040		1,363.4622	1,363.4622	0.0880		1,365.6627
Worker	1.1110	0.7599	8.5804	0.0251	2.6044	0.0210	2.6254	0.6907	0.0194	0.7101		2,498.3450	2,498.3450	0.0735		2,500.1830
Total	1.2737	5.7013	10.0123	0.0378	2.9309	0.0315	2.9624	0.7847	0.0294	0.8141		3,861.8072	3,861.8072	0.1615		3,865.8457

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1528	4.6960	1.3554	0.0126	0.3265	9.1400e-003	0.3357	0.0940	8.7400e-003	0.1028		1,351.3484	1,351.3484	0.0849		1,353.4716
Worker	1.0435	0.6863	7.9028	0.0242	2.6044	0.0204	2.6248	0.6907	0.0188	0.7095		2,410.5468	2,410.5468	0.0664		2,412.2062
Total	1.1962	5.3823	9.2582	0.0368	2.9309	0.0295	2.9604	0.7847	0.0275	0.8122		3,761.8953	3,761.8953	0.1513		3,765.6778

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2022

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1528	4.6960	1.3554	0.0126	0.3265	9.1400e-003	0.3357	0.0940	8.7400e-003	0.1028		1,351.3484	1,351.3484	0.0849		1,353.4716
Worker	1.0435	0.6863	7.9028	0.0242	2.6044	0.0204	2.6248	0.6907	0.0188	0.7095		2,410.5468	2,410.5468	0.0664		2,412.2062
Total	1.1962	5.3823	9.2582	0.0368	2.9309	0.0295	2.9604	0.7847	0.0275	0.8122		3,761.8953	3,761.8953	0.1513		3,765.6778

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1135	3.5567	1.2044	0.0122	0.3265	4.3400e-003	0.3309	0.0940	4.1500e-003	0.0982		1,309.3807	1,309.3807	0.0748		1,311.2498
Worker	0.9831	0.6207	7.2642	0.0233	2.6044	0.0198	2.6242	0.6907	0.0182	0.7089		2,322.3589	2,322.3589	0.0598		2,323.8531
Total	1.0966	4.1774	8.4686	0.0355	2.9309	0.0242	2.9551	0.7847	0.0224	0.8071		3,631.7396	3,631.7396	0.1345		3,635.1029

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2023

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1135	3.5567	1.2044	0.0122	0.3265	4.3400e-003	0.3309	0.0940	4.1500e-003	0.0982		1,309.3807	1,309.3807	0.0748		1,311.2498
Worker	0.9831	0.6207	7.2642	0.0233	2.6044	0.0198	2.6242	0.6907	0.0182	0.7089		2,322.3589	2,322.3589	0.0598		2,323.8531
Total	1.0966	4.1774	8.4686	0.0355	2.9309	0.0242	2.9551	0.7847	0.0224	0.8071		3,631.7396	3,631.7396	0.1345		3,635.1029

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2589	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2589	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0672	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

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1061	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	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	0.0672	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

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 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	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0360	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

Unmitigated Construction Off-Site

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

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.4 Paving - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	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	3.3000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0360	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

Mitigated Construction Off-Site

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

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	4.8099	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2105	0.1384	1.5941	4.8800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		486.2476	486.2476	0.0134		486.5824
Total	0.2105	0.1384	1.5941	4.8800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		486.2476	486.2476	0.0134		486.5824

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	4.8099	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2105	0.1384	1.5941	4.8800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		486.2476	486.2476	0.0134		486.5824
Total	0.2105	0.1384	1.5941	4.8800e-003	0.5254	4.1100e-003	0.5295	0.1393	3.7900e-003	0.1431		486.2476	486.2476	0.0134		486.5824

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.5 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	4.6054					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	4.7970	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1983	0.1252	1.4653	4.7000e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		468.4587	468.4587	0.0121		468.7601
Total	0.1983	0.1252	1.4653	4.7000e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		468.4587	468.4587	0.0121		468.7601

West Village Alternative 4 - Los Angeles-South Coast County, Winter

3.5 Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.6054					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	4.7970	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1983	0.1252	1.4653	4.7000e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		468.4587	468.4587	0.0121		468.7601
Total	0.1983	0.1252	1.4653	4.7000e-003	0.5254	4.0000e-003	0.5293	0.1393	3.6800e-003	0.1430		468.4587	468.4587	0.0121		468.7601

4.0 Operational Detail - Mobile

West Village Alternative 4 - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.1812	9.6608	27.3122	0.1060	9.5103	0.0827	9.5930	2.5448	0.0769	2.6217		10,813.5667	10,813.5667	0.5314		10,826.8515
Unmitigated	2.2827	10.2015	29.7542	0.1171	10.5670	0.0909	10.6580	2.8276	0.0845	2.9121		11,941.6011	11,941.6011	0.5804		11,956.1102

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,336.30	991.30	788.90	4,128,203	3,715,383
Other Asphalt Surfaces	0.00	0.00	0.00		
Strip Mall	213.50	210.20	102.15	375,042	337,538
Total	1,549.80	1,201.50	891.05	4,503,245	4,052,921

4.3 Trip Type Information

West Village Alternative 4 - Los Angeles-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Strip Mall	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
NaturalGas Mitigated	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372
NaturalGas Unmitigated	0.0780	0.6663	0.2846	4.2500e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

West Village Alternative 4 - 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					
Condo/Townhouse High Rise	7200.87	0.0777	0.6636	0.2824	4.2400e-003		0.0537	0.0537		0.0537	0.0537		847.1606	847.1606	0.0162	0.0155	852.1949
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	27.3973	3.0000e-004	2.6900e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		3.2232	3.2232	6.0000e-005	6.0000e-005	3.2424
Total		0.0780	0.6663	0.2847	4.2600e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	7.20087	0.0777	0.6636	0.2824	4.2400e-003		0.0537	0.0537		0.0537	0.0537		847.1606	847.1606	0.0162	0.0155	852.1949
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0273973	3.0000e-004	2.6900e-003	2.2600e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		3.2232	3.2232	6.0000e-005	6.0000e-005	3.2424
Total		0.0780	0.6663	0.2847	4.2600e-003		0.0539	0.0539		0.0539	0.0539		850.3838	850.3838	0.0163	0.0156	855.4372

6.0 Area Detail

West Village Alternative 4 - Los Angeles-South Coast County, Winter

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.698 3	4,417.698 3	0.1168	0.0804	4,444.567 1
Unmitigated	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.168 9	4,971.183 3	0.1121	0.1462	5,017.561 8

West Village Alternative 4 - Los Angeles-South Coast County, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.4189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.7085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	54.0608	3.8525	60.5935	0.1145		8.3730	8.3730		8.3730	8.3730	797.0144	4,140.0000	4,937.0144	0.0794	0.1462	4,982.5731
Landscaping	0.5704	0.2185	18.9682	1.0000e-003		0.1051	0.1051		0.1051	0.1051		34.1689	34.1689	0.0328		34.9886
Total	59.7586	4.0710	79.5617	0.1155		8.4781	8.4781		8.4781	8.4781	797.0144	4,174.1689	4,971.1833	0.1121	0.1462	5,017.5618

West Village Alternative 4 - 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	0.4189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.7085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4018	3.4338	1.4612	0.0219		0.2776	0.2776		0.2776	0.2776	0.0000	4,383.529 4	4,383.529 4	0.0840	0.0804	4,409.578 5
Landscaping	0.5704	0.2185	18.9682	1.0000e-003		0.1051	0.1051		0.1051	0.1051		34.1689	34.1689	0.0328		34.9886
Total	6.0997	3.6523	20.4294	0.0229		0.3828	0.3828		0.3828	0.3828	0.0000	4,417.698 3	4,417.698 3	0.1168	0.0804	4,444.567 2

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

West Village Alternative 4 - Los Angeles-South Coast County, Winter

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Greenhouse Gas Emission Worksheet - Alternative 4
N2O Mobile Emissions

From CalEEMod Vehicle Fleet Mix Output:

Annual VMT: 4,052,921

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	54.5%	0.04	0.0218139	0.04	0.021814
Light Truck < 3750 lbs	4.5%	0.05	0.002231	0.06	0.002677
Light Truck 3751-5750 lbs	20.7%	0.05	0.010328	0.06	0.012394
Med Truck 5751-8500 lbs	11.8%	0.12	0.0142141	0.2	0.02369
Lite-Heavy Truck 8501-10,000 lbs	1.5%	0.12	0.0018002	0.2	0.003
Lite-Heavy Truck 10,001-14,000 lbs	0.6%	0.09	0.0005628	0.125	0.000782
Med-Heavy Truck 14,001-33,000 lbs	2.1%	0.06	0.001237	0.05	0.001031
Heavy-Heavy Truck 33,001-60,000 lbs	3.2%	0.06	0.0019054	0.05	0.001588
Other Bus	0.3%	0.06	0.0001536	0.05	0.000128
Urban Bus	0.2%	0.06	0.0001243	0.05	0.000104
Motorcycle	0.5%	0.09	0.0004695	0.01	5.22E-05
School Bus	0.1%	0.06	4.176E-05	0.05	3.48E-05
Motor Home	0.1%	0.09	0.0000765	0.125	0.000106
Total	100.0%		0.054958		0.0674

Total Emissions (metric tons) =

Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)

CH4 21 GWP
 N2O 310 GWP
 1 ton (short, US) = 0.90718474 metric ton

Annual Mobile Emissions:

Total Emissions **Total CO2e units**
 N2O Emissions: 0.2732 metric tons N2O 84.68 metric tons CO2e

Project Total: 84.68 metric tons CO2e

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
 in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
 Assume Model year 2000-present, gasoline fueled.
 ** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.