

Appendix D

Air Quality, Greenhouse Gases, and Energy Data

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

8850 Sunset Boulevard - Proposed
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	164.38	1000sqft	0.00	164,378.00	0
City Park	0.29	Acre	0.00	12,419.00	0
High Turnover (Sit Down Restaurant)	6.12	1000sqft	0.00	6,119.00	0
Hotel	115.00	Room	0.46	131.90	0
Quality Restaurant	29.28	1000sqft	0.00	29,280.00	0
Recreational Swimming Pool	4.30	1000sqft	0.00	4,301.00	0
Condo/Townhouse	41.00	Dwelling Unit	0.46	136,751.00	66

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted based on the SCE's Sustainability Report 2019

Land Use - Square feet of uses based on input from applicant. Landscaping modeled as "City Park", Viper Room modeled as "High Turnover Restaurant".

Population based on 1.6 persons/du per SCAG

Construction Phase - Phase durations based on applicant input

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

Off-road Equipment - Default

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Trips and VMT - Trips based on applicant input

On-road Fugitive Dust - Defaults

Demolition - Tons of debris based on total building demolition of 21,000 SF and parking lot demolition of 27,450 SF

Grading - 84,000 CY of soil to be exported

Architectural Coating - Defaults

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Road Dust - Default

Woodstoves - No woodstoves or fireplaces assumed

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment - Defaults

Energy Use - Adjusted based on exceedance of 2019 Title 24 standards by 20%

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). City Park use represents extensive landscaping for the project. Zeroed out other outdoor water use.

Solid Waste - Default

Construction Off-road Equipment Mitigation - Rule 403 dust control: reduction estimated assuming watering exposed areas 2x per day, and limiting vehicle speeds on unpaved areas to 15 mph

Mobile Land Use Mitigation - Traffic Measures: Urban Project Setting, Increased Density, Increased Diversity, Improve Pedestrian Network (On-Site)

Energy Mitigation -

Water Mitigation - Use water efficient irrigation systems

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Gen Testing: 2 hours per day, up to 50 hours per year
 Stationary Sources - Emergency Generators and Fire Pumps EF - Defaults

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	240.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	275.00
tblConstructionPhase	NumDays	10.00	40.00
tblConstructionPhase	NumDays	2.00	130.00
tblConstructionPhase	NumDays	5.00	260.00
tblEnergyUse	T24E	186.63	129.33
tblEnergyUse	T24E	3.92	2.72
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24E	2.55	1.77
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24NG	13,424.50	10,605.36
tblEnergyUse	T24NG	42.98	33.95
tblEnergyUse	T24NG	19.92	15.74
tblEnergyUse	T24NG	42.98	33.95
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	34.85	0.00
tblFireplaces	NumberNoFireplace	4.10	41.00
tblFireplaces	NumberWood	2.05	0.00
tblGrading	AcresOfGrading	0.00	25.00
tblGrading	MaterialExported	0.00	84,000.00
tblLandUse	LandUseSquareFeet	164,380.00	164,378.00
tblLandUse	LandUseSquareFeet	12,632.40	12,419.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

tblLandUse	LandUseSquareFeet	6,120.00	6,119.00
tblLandUse	LandUseSquareFeet	166,980.00	131.90
tblLandUse	LandUseSquareFeet	4,300.00	4,301.00
tblLandUse	LandUseSquareFeet	41,000.00	136,751.00
tblLandUse	LotAcreage	3.77	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	0.14	0.00
tblLandUse	LotAcreage	3.83	0.46
tblLandUse	LotAcreage	0.67	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	2.56	0.46
tblLandUse	Population	117.00	66.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripNumber	10,500.00	12,000.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	121.00	156.00
tblTripsAndVMT	WorkerTripNumber	10.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	5.81
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	8.19	6.44
tblVehicleTrips	ST_TR	94.36	93.87
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	4.96
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	5.95	4.68
tblVehicleTrips	SU_TR	72.16	71.78
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	5.95
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	8.17	6.43
tblVehicleTrips	WD_TR	89.95	89.48
tblVehicleTrips	WD_TR	33.82	0.00
tblWater	IndoorWaterUseRate	2,671,315.05	2,350,600.00
tblWater	IndoorWaterUseRate	1,857,626.32	24,418,500.00
tblWater	IndoorWaterUseRate	2,917,178.55	9,731,265.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

tblWater	IndoorWaterUseRate	8,887,467.10	1,115,075.00
tblWater	IndoorWaterUseRate	254,315.52	5,136,280.00
tblWater	OutdoorWaterUseRate	1,684,089.92	0.00
tblWater	OutdoorWaterUseRate	118,571.89	0.00
tblWater	OutdoorWaterUseRate	324,130.95	0.00
tblWater	OutdoorWaterUseRate	567,285.13	0.00
tblWater	OutdoorWaterUseRate	155,870.80	0.00
tblWoodstoves	NumberCatalytic	2.05	0.00
tblWoodstoves	NumberNoncatalytic	2.05	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2022	2.6988	41.2611	26.8944	0.1176	4.9237	0.9671	5.8908	1.4517	0.9046	2.3563	0.0000	12,217.6806	12,217.6806	1.7599	0.0000	12,261.6785
2023	3.2594	31.6954	34.6622	0.1144	3.4596	0.9763	4.2848	1.0923	0.9339	1.8633	0.0000	11,894.6816	11,894.6816	1.7213	0.0000	11,937.7138
2024	8.3247	23.0364	35.2127	0.0772	2.7408	0.8649	3.6058	0.7333	0.8267	1.5600	0.0000	7,528.6798	7,528.6798	0.9717	0.0000	7,552.9709
2025	30.8816	0.2027	0.9891	3.6500e-003	0.3705	2.7800e-003	0.3733	0.0986	2.5700e-003	0.1011	0.0000	367.7768	367.7768	0.0100	0.0000	368.0272
Maximum	30.8816	41.2611	35.2127	0.1176	4.9237	0.9763	5.8908	1.4517	0.9339	2.3563	0.0000	12,217.6806	12,217.6806	1.7599	0.0000	12,261.6785

8850 Sunset Boulevard - Proposed - 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	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Energy	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
Mobile	4.2176	18.2174	41.9518	0.1639	14.1899	0.1227	14.3126	3.7964	0.1139	3.9102		16,759.8731	16,759.8731	0.7890		16,779.5984
Stationary	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	12.7814	40.2079	58.4256	0.1989	14.1899	0.9622	15.1521	3.7964	0.9534	4.7498	0.0000	21,752.3478	21,752.3478	1.1631	0.0501	21,796.3665

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

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	lb/day										lb/day					
Area	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Energy	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
Mobile	3.6598	15.5395	27.8184	0.0995	7.9715	0.0778	8.0493	2.1327	0.0721	2.2048		10,198.2986	10,198.2986	0.5241		10,211.4016
Stationary	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	12.2235	37.5300	44.2923	0.1345	7.9715	0.9173	8.8888	2.1327	0.9117	3.0444	0.0000	15,190.7734	15,190.7734	0.8982	0.0501	15,228.1697

	ROG	NOx	CO	SO2	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	4.36	6.66	24.19	32.38	43.82	4.67	41.34	43.82	4.38	35.90	0.00	30.16	30.16	22.77	0.00	30.13

3.0 Construction Detail

Construction Phase

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Grading/Excavation	Grading	10/27/2022	4/26/2023	5	130	
3	Building Construction	Building Construction	4/27/2023	5/15/2024	5	275	
4	Paving/Finishing	Paving	6/14/2023	6/11/2024	5	260	
5	Tenant Improvements	Architectural Coating	3/15/2024	2/13/2025	5	240	
6	Commissioning	Architectural Coating	2/14/2025	4/10/2025	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 276,921; Residential Outdoor: 92,307; Non-Residential Indoor: 53,296; Non-Residential Outdoor: 17,765; Striped Parking Area: 9,863 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Grading/Excavation	Concrete/Industrial Saws	0	8.00	81	0.73
Grading/Excavation	Excavators	2	8.00	158	0.38

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

Grading/Excavation	Pumps	1	8.00	84	0.74
Grading/Excavation	Rubber Tired Dozers	1	1.00	247	0.40
Grading/Excavation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Trenchers	1	8.00	78	0.50
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Paving/Finishing	Cement and Mortar Mixers	1	6.00	9	0.56
Paving/Finishing	Pavers	0	7.00	130	0.42
Paving/Finishing	Paving Equipment	1	8.00	132	0.36
Paving/Finishing	Rollers	0	7.00	80	0.38
Paving/Finishing	Skid Steer Loaders	1	8.00	65	0.37
Paving/Finishing	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Tenant Improvements	Air Compressors	0	6.00	78	0.48
Commissioning	Air Compressors	0	6.00	78	0.48

Trips and VMT

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	2.00	156.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	9	10.00	2.00	12,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	156.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Finishing	4	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Tenant Improvements	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Commissioning	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8430	0.0000	0.8430	0.1276	0.0000	0.1276			0.0000			0.0000
Off-Road	1.3742	12.0912	14.8369	0.0245		0.6258	0.6258		0.5998	0.5998		2,343.9618	2,343.9618	0.4394		2,354.9464
Total	1.3742	12.0912	14.8369	0.0245	0.8430	0.6258	1.4688	0.1276	0.5998	0.7274		2,343.9618	2,343.9618	0.4394		2,354.9464

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0310	0.9718	0.2428	3.0000e-003	0.0682	2.7900e-003	0.0710	0.0187	2.6700e-003	0.0214		326.2096	326.2096	0.0221		326.7613
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0768	1.1831	0.6624	4.6100e-003	0.1928	4.0100e-003	0.1968	0.0520	3.8100e-003	0.0558		490.5781	490.5781	0.0282		491.2837

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3794	0.0000	0.3794	0.0574	0.0000	0.0574			0.0000			0.0000
Off-Road	1.3742	12.0912	14.8369	0.0245		0.6258	0.6258		0.5998	0.5998	0.0000	2,343.9618	2,343.9618	0.4394		2,354.9464
Total	1.3742	12.0912	14.8369	0.0245	0.3794	0.6258	1.0051	0.0574	0.5998	0.6572	0.0000	2,343.9618	2,343.9618	0.4394		2,354.9464

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0310	0.9718	0.2428	3.0000e-003	0.0682	2.7900e-003	0.0710	0.0187	2.6700e-003	0.0214		326.2096	326.2096	0.0221		326.7613
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0768	1.1831	0.6624	4.6100e-003	0.1928	4.0100e-003	0.1968	0.0520	3.8100e-003	0.0558		490.5781	490.5781	0.0282		491.2837

3.3 Grading/Excavation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0298	0.0000	1.0298	0.4469	0.0000	0.4469			0.0000			0.0000
Off-Road	1.9205	18.0480	20.7281	0.0449		0.8998	0.8998		0.8403	0.8403		4,332.3740	4,332.3740	1.2315		4,363.1608
Total	1.9205	18.0480	20.7281	0.0449	1.0298	0.8998	1.9296	0.4469	0.8403	1.2872		4,332.3740	4,332.3740	1.2315		4,363.1608

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.3 Grading/Excavation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7324	23.0018	5.7467	0.0711	3.7693	0.0660	3.8353	0.9715	0.0632	1.0346		7,720.9381	7,720.9381	0.5223		7,733.9954
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.7783	23.2131	6.1664	0.0727	3.8939	0.0673	3.9611	1.0048	0.0643	1.0691		7,885.3065	7,885.3065	0.5285		7,898.5178

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4634	0.0000	0.4634	0.2011	0.0000	0.2011			0.0000			0.0000
Off-Road	1.9205	18.0480	20.7281	0.0449		0.8998	0.8998		0.8403	0.8403	0.0000	4,332.3740	4,332.3740	1.2315		4,363.1608
Total	1.9205	18.0480	20.7281	0.0449	0.4634	0.8998	1.3632	0.2011	0.8403	1.0414	0.0000	4,332.3740	4,332.3740	1.2315		4,363.1608

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.3 Grading/Excavation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7324	23.0018	5.7467	0.0711	3.7693	0.0660	3.8353	0.9715	0.0632	1.0346		7,720.9381	7,720.9381	0.5223		7,733.9954
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.7783	23.2131	6.1664	0.0727	3.8939	0.0673	3.9611	1.0048	0.0643	1.0691		7,885.3065	7,885.3065	0.5285		7,898.5178

3.3 Grading/Excavation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0298	0.0000	1.0298	0.4469	0.0000	0.4469			0.0000			0.0000
Off-Road	1.7947	16.3568	20.6339	0.0450		0.7967	0.7967		0.7437	0.7437		4,336.9921	4,336.9921	1.2297		4,367.7339
Total	1.7947	16.3568	20.6339	0.0450	1.0298	0.7967	1.8264	0.4469	0.7437	1.1906		4,336.9921	4,336.9921	1.2297		4,367.7339

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.3 Grading/Excavation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4804	15.1744	5.2458	0.0679	2.3053	0.0275	2.3328	0.6121	0.0263	0.6384		7,399.0599	7,399.0599	0.4861		7,411.2126
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.5223	15.3386	5.6313	0.0695	2.4299	0.0285	2.4584	0.6455	0.0272	0.6727		7,557.6895	7,557.6895	0.4916		7,569.9799

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4634	0.0000	0.4634	0.2011	0.0000	0.2011			0.0000			0.0000
Off-Road	1.7947	16.3568	20.6339	0.0450		0.7967	0.7967		0.7437	0.7437	0.0000	4,336.9920	4,336.9920	1.2297		4,367.7339
Total	1.7947	16.3568	20.6339	0.0450	0.4634	0.7967	1.2601	0.2011	0.7437	0.9448	0.0000	4,336.9920	4,336.9920	1.2297		4,367.7339

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.3 Grading/Excavation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4804	15.1744	5.2458	0.0679	2.3053	0.0275	2.3328	0.6121	0.0263	0.6384		7,399.0599	7,399.0599	0.4861		7,411.2126
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.5223	15.3386	5.6313	0.0695	2.4299	0.0285	2.4584	0.6455	0.0272	0.6727		7,557.6895	7,557.6895	0.4916		7,569.9799

3.4 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	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455		3,218.3667	3,218.3667	0.5811		3,232.8947
Total	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455		3,218.3667	3,218.3667	0.5811		3,232.8947

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0847	2.8023	0.8675	9.8500e-003	0.2561	3.2400e-003	0.2593	0.0737	3.0900e-003	0.0768		1,055.6297	1,055.6297	0.0554		1,057.0154
Worker	0.5882	0.3756	5.3385	0.0166	1.7437	0.0133	1.7570	0.4624	0.0122	0.4747		1,651.2319	1,651.2319	0.0427		1,652.2982
Total	0.6729	3.1779	6.2061	0.0264	1.9998	0.0165	2.0163	0.5362	0.0153	0.5515		2,706.8616	2,706.8616	0.0981		2,709.3136

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455	0.0000	3,218.3667	3,218.3667	0.5811		3,232.8947
Total	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455	0.0000	3,218.3667	3,218.3667	0.5811		3,232.8947

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0847	2.8023	0.8675	9.8500e-003	0.2561	3.2400e-003	0.2593	0.0737	3.0900e-003	0.0768		1,055.6297	1,055.6297	0.0554		1,057.0154
Worker	0.5882	0.3756	5.3385	0.0166	1.7437	0.0133	1.7570	0.4624	0.0122	0.4747		1,651.2319	1,651.2319	0.0427		1,652.2982
Total	0.6729	3.1779	6.2061	0.0264	1.9998	0.0165	2.0163	0.5362	0.0153	0.5515		2,706.8616	2,706.8616	0.0981		2,709.3136

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512		3,218.7412	3,218.7412	0.5746		3,233.1058
Total	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512		3,218.7412	3,218.7412	0.5746		3,233.1058

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0826	2.7916	0.8411	9.8100e-003	0.2561	3.2000e-003	0.2593	0.0737	3.0500e-003	0.0768		1,051.3457	1,051.3457	0.0546		1,052.7117
Worker	0.5564	0.3426	4.9767	0.0161	1.7437	0.0131	1.7568	0.4624	0.0120	0.4745		1,600.0581	1,600.0581	0.0391		1,601.0364
Total	0.6391	3.1341	5.8179	0.0259	1.9998	0.0163	2.0161	0.5362	0.0151	0.5513		2,651.4038	2,651.4038	0.0938		2,653.7480

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512	0.0000	3,218.7412	3,218.7412	0.5746		3,233.1058
Total	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512	0.0000	3,218.7412	3,218.7412	0.5746		3,233.1058

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0826	2.7916	0.8411	9.8100e-003	0.2561	3.2000e-003	0.2593	0.0737	3.0500e-003	0.0768		1,051.3457	1,051.3457	0.0546		1,052.7117
Worker	0.5564	0.3426	4.9767	0.0161	1.7437	0.0131	1.7568	0.4624	0.0120	0.4745		1,600.0581	1,600.0581	0.0391		1,601.0364
Total	0.6391	3.1341	5.8179	0.0259	1.9998	0.0163	2.0161	0.5362	0.0151	0.5513		2,651.4038	2,651.4038	0.0938		2,653.7480

3.5 Paving/Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704		896.7200	896.7200	0.2817		903.7624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704		896.7200	896.7200	0.2817		903.7624

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.5 Paving/Finishing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.1207	0.0771	1.0951	3.4000e-003	0.3577	2.7200e-003	0.3604	0.0949	2.5000e-003	0.0974		338.7142	338.7142	8.7500e-003		338.9330
Total	0.1249	0.2172	1.1385	3.8900e-003	0.3705	2.8800e-003	0.3734	0.0986	2.6500e-003	0.1012		391.4957	391.4957	0.0115		391.7837

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704	0.0000	896.7200	896.7200	0.2817		903.7624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704	0.0000	896.7200	896.7200	0.2817		903.7624

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.5 Paving/Finishing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.1207	0.0771	1.0951	3.4000e-003	0.3577	2.7200e-003	0.3604	0.0949	2.5000e-003	0.0974		338.7142	338.7142	8.7500e-003		338.9330
Total	0.1249	0.2172	1.1385	3.8900e-003	0.3705	2.8800e-003	0.3734	0.0986	2.6500e-003	0.1012		391.4957	391.4957	0.0115		391.7837

3.5 Paving/Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552		896.9661	896.9661	0.2818		904.0105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552		896.9661	896.9661	0.2818		904.0105

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.5 Paving/Finishing - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1300e-003	0.1396	0.0421	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.5673	52.5673	2.7300e-003		52.6356
Worker	0.1141	0.0703	1.0209	3.2900e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		328.2170	328.2170	8.0300e-003		328.4177
Total	0.1183	0.2099	1.0629	3.7800e-003	0.3705	2.8400e-003	0.3733	0.0986	2.6200e-003	0.1012		380.7843	380.7843	0.0108		381.0533

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552	0.0000	896.9661	896.9661	0.2818		904.0105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552	0.0000	896.9661	896.9661	0.2818		904.0105

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.5 Paving/Finishing - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1300e-003	0.1396	0.0421	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.5673	52.5673	2.7300e-003		52.6356
Worker	0.1141	0.0703	1.0209	3.2900e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		328.2170	328.2170	8.0300e-003		328.4177
Total	0.1183	0.2099	1.0629	3.7800e-003	0.3705	2.8400e-003	0.3733	0.0986	2.6200e-003	0.1012		380.7843	380.7843	0.0108		381.0533

3.6 Tenant Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.6 Tenant Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1300e-003	0.1396	0.0421	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.5673	52.5673	2.7300e-003		52.6356
Worker	0.1141	0.0703	1.0209	3.2900e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		328.2170	328.2170	8.0300e-003		328.4177
Total	0.1183	0.2099	1.0629	3.7800e-003	0.3705	2.8400e-003	0.3733	0.0986	2.6200e-003	0.1012		380.7843	380.7843	0.0108		381.0533

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.6 Tenant Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1300e-003	0.1396	0.0421	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.5673	52.5673	2.7300e-003		52.6356
Worker	0.1141	0.0703	1.0209	3.2900e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		328.2170	328.2170	8.0300e-003		328.4177
Total	0.1183	0.2099	1.0629	3.7800e-003	0.3705	2.8400e-003	0.3733	0.0986	2.6200e-003	0.1012		380.7843	380.7843	0.0108		381.0533

3.6 Tenant Improvements - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.6 Tenant Improvements - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0300e-003	0.1384	0.0410	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.2776	52.2776	2.6900e-003		52.3450
Worker	0.1084	0.0643	0.9482	3.1600e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		315.4992	315.4992	7.3200e-003		315.6823
Total	0.1124	0.2027	0.9891	3.6500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5700e-003	0.1011		367.7768	367.7768	0.0100		368.0272

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.6 Tenant Improvements - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0300e-003	0.1384	0.0410	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.2776	52.2776	2.6900e-003		52.3450
Worker	0.1084	0.0643	0.9482	3.1600e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		315.4992	315.4992	7.3200e-003		315.6823
Total	0.1124	0.2027	0.9891	3.6500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5700e-003	0.1011		367.7768	367.7768	0.0100		368.0272

3.7 Commissioning - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	30.7692					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	30.7692	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.7 Commissioning - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0300e-003	0.1384	0.0410	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.2776	52.2776	2.6900e-003		52.3450
Worker	0.1084	0.0643	0.9482	3.1600e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		315.4992	315.4992	7.3200e-003		315.6823
Total	0.1124	0.2027	0.9891	3.6500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5700e-003	0.1011		367.7768	367.7768	0.0100		368.0272

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	30.7692					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	30.7692	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

3.7 Commissioning - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0300e-003	0.1384	0.0410	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.2776	52.2776	2.6900e-003		52.3450
Worker	0.1084	0.0643	0.9482	3.1600e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		315.4992	315.4992	7.3200e-003		315.6823
Total	0.1124	0.2027	0.9891	3.6500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5700e-003	0.1011		367.7768	367.7768	0.0100		368.0272

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

8850 Sunset Boulevard - Proposed - 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	3.6598	15.5395	27.8184	0.0995	7.9715	0.0778	8.0493	2.1327	0.0721	2.2048		10,198.29 86	10,198.29 86	0.5241		10,211.40 16
Unmitigated	4.2176	18.2174	41.9518	0.1639	14.1899	0.1227	14.3126	3.7964	0.1139	3.9102		16,759.87 31	16,759.87 31	0.7890		16,779.59 84

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	243.95	238.21	203.36	810,998	455,599
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	95.04	118.36	98.53	134,747	75,698
Hotel	739.45	740.60	538.20	1,696,244	952,909
Quality Restaurant	2,619.97	2,748.51	2101.72	3,650,619	2,050,830
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,698.42	3,845.68	2,941.81	6,292,607	3,535,036

4.3 Trip Type Information

8850 Sunset Boulevard - Proposed - 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	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Condo/Townhouse	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Enclosed Parking with Elevator	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
High Turnover (Sit Down Restaurant)	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Hotel	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Quality Restaurant	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Recreational Swimming Pool	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

8850 Sunset Boulevard - Proposed - 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	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
NaturalGas Unmitigated	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

8850 Sunset Boulevard - Proposed - 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	1733.95	0.0187	0.1598	0.0680	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.9938	203.9938	3.9100e-003	3.7400e-003	205.2060
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	3717.17	0.0401	0.3644	0.3061	2.1900e-003		0.0277	0.0277		0.0277	0.0277		437.3137	437.3137	8.3800e-003	8.0200e-003	439.9125
Hotel	7.15512	8.0000e-005	7.0000e-004	5.9000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.8418	0.8418	2.0000e-005	2.0000e-005	0.8468
Quality Restaurant	17787	0.1918	1.7438	1.4648	0.0105		0.1325	0.1325		0.1325	0.1325		2,092.5880	2,092.5880	0.0401	0.0384	2,105.0233
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

8850 Sunset Boulevard - Proposed - 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	1.73395	0.0187	0.1598	0.0680	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.9938	203.9938	3.9100e-003	3.7400e-003	205.2060
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	3.71717	0.0401	0.3644	0.3061	2.1900e-003		0.0277	0.0277		0.0277	0.0277		437.3137	437.3137	8.3800e-003	8.0200e-003	439.9125
Hotel	0.00715512	8.0000e-005	7.0000e-004	5.9000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.8418	0.8418	2.0000e-005	2.0000e-005	0.8468
Quality Restaurant	17.787	0.1918	1.7438	1.4648	0.0105		0.1325	0.1325		0.1325	0.1325		2,092.5880	2,092.5880	0.0401	0.0384	2,105.0233
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

6.0 Area Detail

6.1 Mitigation Measures Area

8850 Sunset Boulevard - Proposed - 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	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Unmitigated	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

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	0.3372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4700					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	0.1045	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189		6.1605	6.1605	6.0100e-003		6.3109
Total	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

8850 Sunset Boulevard - Proposed - 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	0.3372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4700					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	0.1045	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189		6.1605	6.1605	6.0100e-003		6.3109
Total	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	1341	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (750 - 9999 HP)	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687

11.0 Vegetation

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

8850 Sunset Boulevard - Proposed
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	164.38	1000sqft	0.00	164,378.00	0
City Park	0.29	Acre	0.00	12,419.00	0
High Turnover (Sit Down Restaurant)	6.12	1000sqft	0.00	6,119.00	0
Hotel	115.00	Room	0.46	131.90	0
Quality Restaurant	29.28	1000sqft	0.00	29,280.00	0
Recreational Swimming Pool	4.30	1000sqft	0.00	4,301.00	0
Condo/Townhouse	41.00	Dwelling Unit	0.46	136,751.00	66

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted based on the SCE's Sustainability Report 2019

Land Use - Square feet of uses based on input from applicant. Landscaping modeled as "City Park", Viper Room modeled as "High Turnover Restaurant".

Population based on 1.6 persons/du per SCAG

Construction Phase - Phase durations based on applicant input

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

Off-road Equipment - Default

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Trips and VMT - Trips based on applicant input

On-road Fugitive Dust - Defaults

Demolition - Tons of debris based on total building demolition of 21,000 SF and parking lot demolition of 27,450 SF

Grading - 84,000 CY of soil to be exported

Architectural Coating - Defaults

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Road Dust - Default

Woodstoves - No woodstoves or fireplaces assumed

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment - Defaults

Energy Use - Adjusted based on exceedance of 2019 Title 24 standards by 20%

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). City Park use represents extensive landscaping for the project. Zeroed out other outdoor water use.

Solid Waste - Default

Construction Off-road Equipment Mitigation - Rule 403 dust control: reduction estimated assuming watering exposed areas 2x per day, and limiting vehicle speeds on unpaved areas to 15 mph

Mobile Land Use Mitigation - Traffic Measures: Urban Project Setting, Increased Density, Increased Diversity, Improve Pedestrian Network (On-Site)

Energy Mitigation -

Water Mitigation - Use water efficient irrigation systems

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Gen Testing: 2 hours per day, up to 50 hours per year
 Stationary Sources - Emergency Generators and Fire Pumps EF - Defaults

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	240.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	275.00
tblConstructionPhase	NumDays	10.00	40.00
tblConstructionPhase	NumDays	2.00	130.00
tblConstructionPhase	NumDays	5.00	260.00
tblEnergyUse	T24E	186.63	129.33
tblEnergyUse	T24E	3.92	2.72
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24E	2.55	1.77
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24NG	13,424.50	10,605.36
tblEnergyUse	T24NG	42.98	33.95
tblEnergyUse	T24NG	19.92	15.74
tblEnergyUse	T24NG	42.98	33.95
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	34.85	0.00
tblFireplaces	NumberNoFireplace	4.10	41.00
tblFireplaces	NumberWood	2.05	0.00
tblGrading	AcresOfGrading	0.00	25.00
tblGrading	MaterialExported	0.00	84,000.00
tblLandUse	LandUseSquareFeet	164,380.00	164,378.00
tblLandUse	LandUseSquareFeet	12,632.40	12,419.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

tblLandUse	LandUseSquareFeet	6,120.00	6,119.00
tblLandUse	LandUseSquareFeet	166,980.00	131.90
tblLandUse	LandUseSquareFeet	4,300.00	4,301.00
tblLandUse	LandUseSquareFeet	41,000.00	136,751.00
tblLandUse	LotAcreage	3.77	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	0.14	0.00
tblLandUse	LotAcreage	3.83	0.46
tblLandUse	LotAcreage	0.67	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	2.56	0.46
tblLandUse	Population	117.00	66.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripNumber	10,500.00	12,000.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	121.00	156.00
tblTripsAndVMT	WorkerTripNumber	10.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	5.81
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	8.19	6.44
tblVehicleTrips	ST_TR	94.36	93.87
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	4.96
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	5.95	4.68
tblVehicleTrips	SU_TR	72.16	71.78
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	5.95
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	8.17	6.43
tblVehicleTrips	WD_TR	89.95	89.48
tblVehicleTrips	WD_TR	33.82	0.00
tblWater	IndoorWaterUseRate	2,671,315.05	2,350,600.00
tblWater	IndoorWaterUseRate	1,857,626.32	24,418,500.00
tblWater	IndoorWaterUseRate	2,917,178.55	9,731,265.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

tblWater	IndoorWaterUseRate	8,887,467.10	1,115,075.00
tblWater	IndoorWaterUseRate	254,315.52	5,136,280.00
tblWater	OutdoorWaterUseRate	1,684,089.92	0.00
tblWater	OutdoorWaterUseRate	118,571.89	0.00
tblWater	OutdoorWaterUseRate	324,130.95	0.00
tblWater	OutdoorWaterUseRate	567,285.13	0.00
tblWater	OutdoorWaterUseRate	155,870.80	0.00
tblWoodstoves	NumberCatalytic	2.05	0.00
tblWoodstoves	NumberNoncatalytic	2.05	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2022	2.7214	41.5261	27.2014	0.1163	4.9237	0.9681	5.8918	1.4517	0.9056	2.3573	0.0000	12,074.8257	12,074.8257	1.7778	0.0000	12,119.2695
2023	3.3483	31.8040	34.1707	0.1132	3.4596	0.9765	4.2856	1.0923	0.9341	1.8640	0.0000	11,758.5190	11,758.5190	1.7352	0.0000	11,801.8987
2024	8.4254	23.0744	34.6620	0.0756	2.7408	0.8651	3.6059	0.7333	0.8269	1.5602	0.0000	7,365.7561	7,365.7561	0.9716	0.0000	7,390.0459
2025	30.8955	0.2089	0.9064	3.4500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5700e-003	0.1011	0.0000	347.9682	347.9682	9.6900e-003	0.0000	348.2107
Maximum	30.8955	41.5261	34.6620	0.1163	4.9237	0.9765	5.8918	1.4517	0.9341	2.3573	0.0000	12,074.8257	12,074.8257	1.7778	0.0000	12,119.2695

8850 Sunset Boulevard - Proposed - 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	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Energy	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
Mobile	4.0716	18.3622	40.8759	0.1557	14.1899	0.1235	14.3133	3.7964	0.1146	3.9110		15,929.4193	15,929.4193	0.7997		15,949.4121
Stationary	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	12.6354	40.3527	57.3498	0.1907	14.1899	0.9630	15.1529	3.7964	0.9541	4.7505	0.0000	20,921.8941	20,921.8941	1.1738	0.0501	20,966.1802

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

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	lb/day										lb/day					
Area	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Energy	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
Mobile	3.5248	15.5200	28.0418	0.0942	7.9715	0.0785	8.0501	2.1327	0.0729	2.2056		9,655.6963	9,655.6963	0.5405		9,669.2092
Stationary	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	12.0885	37.5105	44.5157	0.1292	7.9715	0.9181	8.8896	2.1327	0.9124	3.0451	0.0000	14,648.1711	14,648.1711	0.9146	0.0501	14,685.9773

	ROG	NOx	CO	SO2	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	7.04	22.38	32.25	43.82	4.67	41.33	43.82	4.38	35.90	0.00	29.99	29.99	22.08	0.00	29.95

3.0 Construction Detail

Construction Phase

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Grading/Excavation	Grading	10/27/2022	4/26/2023	5	130	
3	Building Construction	Building Construction	4/27/2023	5/15/2024	5	275	
4	Paving/Finishing	Paving	6/14/2023	6/11/2024	5	260	
5	Tenant Improvements	Architectural Coating	3/15/2024	2/13/2025	5	240	
6	Commissioning	Architectural Coating	2/14/2025	4/10/2025	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 276,921; Residential Outdoor: 92,307; Non-Residential Indoor: 53,296; Non-Residential Outdoor: 17,765; Striped Parking Area: 9,863 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Grading/Excavation	Concrete/Industrial Saws	0	8.00	81	0.73
Grading/Excavation	Excavators	2	8.00	158	0.38

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

Grading/Excavation	Pumps	1	8.00	84	0.74
Grading/Excavation	Rubber Tired Dozers	1	1.00	247	0.40
Grading/Excavation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Trenchers	1	8.00	78	0.50
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Paving/Finishing	Cement and Mortar Mixers	1	6.00	9	0.56
Paving/Finishing	Pavers	0	7.00	130	0.42
Paving/Finishing	Paving Equipment	1	8.00	132	0.36
Paving/Finishing	Rollers	0	7.00	80	0.38
Paving/Finishing	Skid Steer Loaders	1	8.00	65	0.37
Paving/Finishing	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Tenant Improvements	Air Compressors	0	6.00	78	0.48
Commissioning	Air Compressors	0	6.00	78	0.48

Trips and VMT

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	2.00	156.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	9	10.00	2.00	12,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	156.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Finishing	4	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Tenant Improvements	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Commissioning	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8430	0.0000	0.8430	0.1276	0.0000	0.1276			0.0000			0.0000
Off-Road	1.3742	12.0912	14.8369	0.0245		0.6258	0.6258		0.5998	0.5998		2,343.9618	2,343.9618	0.4394		2,354.9464
Total	1.3742	12.0912	14.8369	0.0245	0.8430	0.6258	1.4688	0.1276	0.5998	0.7274		2,343.9618	2,343.9618	0.4394		2,354.9464

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0317	0.9829	0.2569	2.9500e-003	0.0682	2.8300e-003	0.0710	0.0187	2.7100e-003	0.0214		320.5085	320.5085	0.0228		321.0790
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0825	1.1965	0.6493	4.4900e-003	0.1928	4.0600e-003	0.1968	0.0520	3.8600e-003	0.0559		476.9595	476.9595	0.0290		477.6845

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3794	0.0000	0.3794	0.0574	0.0000	0.0574			0.0000			0.0000
Off-Road	1.3742	12.0912	14.8369	0.0245		0.6258	0.6258		0.5998	0.5998	0.0000	2,343.9618	2,343.9618	0.4394		2,354.9464
Total	1.3742	12.0912	14.8369	0.0245	0.3794	0.6258	1.0051	0.0574	0.5998	0.6572	0.0000	2,343.9618	2,343.9618	0.4394		2,354.9464

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0317	0.9829	0.2569	2.9500e-003	0.0682	2.8300e-003	0.0710	0.0187	2.7100e-003	0.0214		320.5085	320.5085	0.0228		321.0790
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0825	1.1965	0.6493	4.4900e-003	0.1928	4.0600e-003	0.1968	0.0520	3.8600e-003	0.0559		476.9595	476.9595	0.0290		477.6845

3.3 Grading/Excavation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0298	0.0000	1.0298	0.4469	0.0000	0.4469			0.0000			0.0000
Off-Road	1.9205	18.0480	20.7281	0.0449		0.8998	0.8998		0.8403	0.8403		4,332.3740	4,332.3740	1.2315		4,363.1608
Total	1.9205	18.0480	20.7281	0.0449	1.0298	0.8998	1.9296	0.4469	0.8403	1.2872		4,332.3740	4,332.3740	1.2315		4,363.1608

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.3 Grading/Excavation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7501	23.2645	6.0810	0.0698	3.7693	0.0671	3.8364	0.9715	0.0642	1.0356		7,586.0006	7,586.0006	0.5401		7,599.5033
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.8009	23.4782	6.4734	0.0714	3.8939	0.0683	3.9622	1.0048	0.0653	1.0701		7,742.4517	7,742.4517	0.5463		7,756.1088

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4634	0.0000	0.4634	0.2011	0.0000	0.2011			0.0000			0.0000
Off-Road	1.9205	18.0480	20.7281	0.0449		0.8998	0.8998		0.8403	0.8403	0.0000	4,332.3740	4,332.3740	1.2315		4,363.1608
Total	1.9205	18.0480	20.7281	0.0449	0.4634	0.8998	1.3632	0.2011	0.8403	1.0414	0.0000	4,332.3740	4,332.3740	1.2315		4,363.1608

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.3 Grading/Excavation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7501	23.2645	6.0810	0.0698	3.7693	0.0671	3.8364	0.9715	0.0642	1.0356		7,586.0006	7,586.0006	0.5401		7,599.5033
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.8009	23.4782	6.4734	0.0714	3.8939	0.0683	3.9622	1.0048	0.0653	1.0701		7,742.4517	7,742.4517	0.5463		7,756.1088

3.3 Grading/Excavation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0298	0.0000	1.0298	0.4469	0.0000	0.4469			0.0000			0.0000
Off-Road	1.7947	16.3568	20.6339	0.0450		0.7967	0.7967		0.7437	0.7437		4,336.9921	4,336.9921	1.2297		4,367.7339
Total	1.7947	16.3568	20.6339	0.0450	1.0298	0.7967	1.8264	0.4469	0.7437	1.1906		4,336.9921	4,336.9921	1.2297		4,367.7339

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.3 Grading/Excavation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4925	15.2811	5.4700	0.0668	2.3053	0.0283	2.3335	0.6121	0.0270	0.6392		7,270.5066	7,270.5066	0.5000		7,283.0071
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.5391	15.4472	5.8290	0.0682	2.4299	0.0293	2.4591	0.6455	0.0280	0.6734		7,421.5269	7,421.5269	0.5055		7,434.1648

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4634	0.0000	0.4634	0.2011	0.0000	0.2011			0.0000			0.0000
Off-Road	1.7947	16.3568	20.6339	0.0450		0.7967	0.7967		0.7437	0.7437	0.0000	4,336.9920	4,336.9920	1.2297		4,367.7339
Total	1.7947	16.3568	20.6339	0.0450	0.4634	0.7967	1.2601	0.2011	0.7437	0.9448	0.0000	4,336.9920	4,336.9920	1.2297		4,367.7339

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.3 Grading/Excavation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4925	15.2811	5.4700	0.0668	2.3053	0.0283	2.3335	0.6121	0.0270	0.6392		7,270.5066	7,270.5066	0.5000		7,283.0071
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.5391	15.4472	5.8290	0.0682	2.4299	0.0293	2.4591	0.6455	0.0280	0.6734		7,421.5269	7,421.5269	0.5055		7,434.1648

3.4 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	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455		3,218.3667	3,218.3667	0.5811		3,232.8947
Total	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455		3,218.3667	3,218.3667	0.5811		3,232.8947

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0890	2.7896	0.9446	9.5900e-003	0.2561	3.4000e-003	0.2595	0.0737	3.2500e-003	0.0770		1,026.9652	1,026.9652	0.0586		1,028.4312
Worker	0.6582	0.4156	4.8636	0.0156	1.7437	0.0133	1.7570	0.4624	0.0122	0.4747		1,554.8841	1,554.8841	0.0400		1,555.8845
Total	0.7472	3.2051	5.8082	0.0252	1.9998	0.0167	2.0165	0.5362	0.0155	0.5516		2,581.8493	2,581.8493	0.0987		2,584.3157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455	0.0000	3,218.3667	3,218.3667	0.5811		3,232.8947
Total	2.0493	16.5537	21.1918	0.0344		0.7726	0.7726		0.7455	0.7455	0.0000	3,218.3667	3,218.3667	0.5811		3,232.8947

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0890	2.7896	0.9446	9.5900e-003	0.2561	3.4000e-003	0.2595	0.0737	3.2500e-003	0.0770		1,026.9652	1,026.9652	0.0586		1,028.4312
Worker	0.6582	0.4156	4.8636	0.0156	1.7437	0.0133	1.7570	0.4624	0.0122	0.4747		1,554.8841	1,554.8841	0.0400		1,555.8845
Total	0.7472	3.2051	5.8082	0.0252	1.9998	0.0167	2.0165	0.5362	0.0155	0.5516		2,581.8493	2,581.8493	0.0987		2,584.3157

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512		3,218.7412	3,218.7412	0.5746		3,233.1058
Total	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512		3,218.7412	3,218.7412	0.5746		3,233.1058

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0868	2.7795	0.9160	9.5500e-003	0.2561	3.3500e-003	0.2595	0.0737	3.2000e-003	0.0769		1,022.9823	1,022.9823	0.0578		1,024.4261
Worker	0.6246	0.3789	4.5278	0.0151	1.7437	0.0131	1.7568	0.4624	0.0120	0.4745		1,506.6539	1,506.6539	0.0367		1,507.5705
Total	0.7114	3.1584	5.4438	0.0247	1.9998	0.0164	2.0162	0.5362	0.0152	0.5514		2,529.6362	2,529.6362	0.0944		2,531.9966

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512	0.0000	3,218.7412	3,218.7412	0.5746		3,233.1058
Total	1.9238	15.6167	21.1273	0.0344		0.6753	0.6753		0.6512	0.6512	0.0000	3,218.7412	3,218.7412	0.5746		3,233.1058

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0868	2.7795	0.9160	9.5500e-003	0.2561	3.3500e-003	0.2595	0.0737	3.2000e-003	0.0769		1,022.9823	1,022.9823	0.0578		1,024.4261
Worker	0.6246	0.3789	4.5278	0.0151	1.7437	0.0131	1.7568	0.4624	0.0120	0.4745		1,506.6539	1,506.6539	0.0367		1,507.5705
Total	0.7114	3.1584	5.4438	0.0247	1.9998	0.0164	2.0162	0.5362	0.0152	0.5514		2,529.6362	2,529.6362	0.0944		2,531.9966

3.5 Paving/Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704		896.7200	896.7200	0.2817		903.7624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704		896.7200	896.7200	0.2817		903.7624

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.5 Paving/Finishing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.1350	0.0853	0.9977	3.2000e-003	0.3577	2.7200e-003	0.3604	0.0949	2.5000e-003	0.0974		318.9506	318.9506	8.2100e-003		319.1558
Total	0.1395	0.2247	1.0449	3.6800e-003	0.3705	2.8900e-003	0.3734	0.0986	2.6600e-003	0.1012		370.2988	370.2988	0.0111		370.5774

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704	0.0000	896.7200	896.7200	0.2817		903.7624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.4123	4.0875	6.1258	9.4100e-003		0.1843	0.1843		0.1704	0.1704	0.0000	896.7200	896.7200	0.2817		903.7624

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.5 Paving/Finishing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.1350	0.0853	0.9977	3.2000e-003	0.3577	2.7200e-003	0.3604	0.0949	2.5000e-003	0.0974		318.9506	318.9506	8.2100e-003		319.1558
Total	0.1395	0.2247	1.0449	3.6800e-003	0.3705	2.8900e-003	0.3734	0.0986	2.6600e-003	0.1012		370.2988	370.2988	0.0111		370.5774

3.5 Paving/Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552		896.9661	896.9661	0.2818		904.0105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552		896.9661	896.9661	0.2818		904.0105

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.5 Paving/Finishing - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1390	0.0458	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.1491	51.1491	2.8900e-003		51.2213
Worker	0.1281	0.0777	0.9288	3.1000e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		309.0572	309.0572	7.5200e-003		309.2452
Total	0.1325	0.2167	0.9746	3.5800e-003	0.3705	2.8500e-003	0.3733	0.0986	2.6300e-003	0.1012		360.2063	360.2063	0.0104		360.4665

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552	0.0000	896.9661	896.9661	0.2818		904.0105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3971	3.8659	6.1418	9.4100e-003		0.1677	0.1677		0.1552	0.1552	0.0000	896.9661	896.9661	0.2818		904.0105

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.5 Paving/Finishing - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1390	0.0458	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.1491	51.1491	2.8900e-003		51.2213
Worker	0.1281	0.0777	0.9288	3.1000e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		309.0572	309.0572	7.5200e-003		309.2452
Total	0.1325	0.2167	0.9746	3.5800e-003	0.3705	2.8500e-003	0.3733	0.0986	2.6300e-003	0.1012		360.2063	360.2063	0.0104		360.4665

3.6 Tenant Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.6 Tenant Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1390	0.0458	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.1491	51.1491	2.8900e-003		51.2213
Worker	0.1281	0.0777	0.9288	3.1000e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		309.0572	309.0572	7.5200e-003		309.2452
Total	0.1325	0.2167	0.9746	3.5800e-003	0.3705	2.8500e-003	0.3733	0.0986	2.6300e-003	0.1012		360.2063	360.2063	0.0104		360.4665

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.6 Tenant Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1390	0.0458	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.1491	51.1491	2.8900e-003		51.2213
Worker	0.1281	0.0777	0.9288	3.1000e-003	0.3577	2.6800e-003	0.3604	0.0949	2.4700e-003	0.0973		309.0572	309.0572	7.5200e-003		309.2452
Total	0.1325	0.2167	0.9746	3.5800e-003	0.3705	2.8500e-003	0.3733	0.0986	2.6300e-003	0.1012		360.2063	360.2063	0.0104		360.4665

3.6 Tenant Improvements - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.6 Tenant Improvements - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1378	0.0446	4.7000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.6000e-004	3.8400e-003		50.8749	50.8749	2.8400e-003		50.9460
Worker	0.1220	0.0711	0.8618	2.9800e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		297.0934	297.0934	6.8500e-003		297.2648
Total	0.1263	0.2089	0.9064	3.4500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5800e-003	0.1011		347.9682	347.9682	9.6900e-003		348.2107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.1282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	5.1282	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.6 Tenant Improvements - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1378	0.0446	4.7000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.6000e-004	3.8400e-003		50.8749	50.8749	2.8400e-003		50.9460
Worker	0.1220	0.0711	0.8618	2.9800e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		297.0934	297.0934	6.8500e-003		297.2648
Total	0.1263	0.2089	0.9064	3.4500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5800e-003	0.1011		347.9682	347.9682	9.6900e-003		348.2107

3.7 Commissioning - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	30.7692					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	30.7692	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.7 Commissioning - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1378	0.0446	4.7000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.6000e-004	3.8400e-003		50.8749	50.8749	2.8400e-003		50.9460
Worker	0.1220	0.0711	0.8618	2.9800e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		297.0934	297.0934	6.8500e-003		297.2648
Total	0.1263	0.2089	0.9064	3.4500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5800e-003	0.1011		347.9682	347.9682	9.6900e-003		348.2107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	30.7692					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	30.7692	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

3.7 Commissioning - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1378	0.0446	4.7000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.6000e-004	3.8400e-003		50.8749	50.8749	2.8400e-003		50.9460
Worker	0.1220	0.0711	0.8618	2.9800e-003	0.3577	2.6300e-003	0.3603	0.0949	2.4200e-003	0.0973		297.0934	297.0934	6.8500e-003		297.2648
Total	0.1263	0.2089	0.9064	3.4500e-003	0.3705	2.7900e-003	0.3733	0.0986	2.5800e-003	0.1011		347.9682	347.9682	9.6900e-003		348.2107

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

8850 Sunset Boulevard - Proposed - 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	3.5248	15.5200	28.0418	0.0942	7.9715	0.0785	8.0501	2.1327	0.0729	2.2056		9,655.696 3	9,655.696 3	0.5405		9,669.209 2
Unmitigated	4.0716	18.3622	40.8759	0.1557	14.1899	0.1235	14.3133	3.7964	0.1146	3.9110		15,929.41 93	15,929.41 93	0.7997		15,949.41 21

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	243.95	238.21	203.36	810,998	455,599
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	95.04	118.36	98.53	134,747	75,698
Hotel	739.45	740.60	538.20	1,696,244	952,909
Quality Restaurant	2,619.97	2,748.51	2101.72	3,650,619	2,050,830
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,698.42	3,845.68	2,941.81	6,292,607	3,535,036

4.3 Trip Type Information

8850 Sunset Boulevard - Proposed - 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	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Condo/Townhouse	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Enclosed Parking with Elevator	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
High Turnover (Sit Down Restaurant)	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Hotel	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Quality Restaurant	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Recreational Swimming Pool	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

8850 Sunset Boulevard - Proposed - 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	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885
NaturalGas Unmitigated	0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

8850 Sunset Boulevard - Proposed - 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	1733.95	0.0187	0.1598	0.0680	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.9938	203.9938	3.9100e-003	3.7400e-003	205.2060
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	3717.17	0.0401	0.3644	0.3061	2.1900e-003		0.0277	0.0277		0.0277	0.0277		437.3137	437.3137	8.3800e-003	8.0200e-003	439.9125
Hotel	7.15512	8.0000e-005	7.0000e-004	5.9000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.8418	0.8418	2.0000e-005	2.0000e-005	0.8468
Quality Restaurant	17787	0.1918	1.7438	1.4648	0.0105		0.1325	0.1325		0.1325	0.1325		2,092.5880	2,092.5880	0.0401	0.0384	2,105.0233
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

8850 Sunset Boulevard - Proposed - 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	1.73395	0.0187	0.1598	0.0680	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.9938	203.9938	3.9100e-003	3.7400e-003	205.2060
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	3.71717	0.0401	0.3644	0.3061	2.1900e-003		0.0277	0.0277		0.0277	0.0277		437.3137	437.3137	8.3800e-003	8.0200e-003	439.9125
Hotel	0.00715512	8.0000e-005	7.0000e-004	5.9000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.8418	0.8418	2.0000e-005	2.0000e-005	0.8468
Quality Restaurant	17.787	0.1918	1.7438	1.4648	0.0105		0.1325	0.1325		0.1325	0.1325		2,092.5880	2,092.5880	0.0401	0.0384	2,105.0233
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2507	2.2688	1.8395	0.0137		0.1732	0.1732		0.1732	0.1732		2,734.7374	2,734.7374	0.0524	0.0501	2,750.9885

6.0 Area Detail

6.1 Mitigation Measures Area

8850 Sunset Boulevard - Proposed - 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	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109
Unmitigated	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

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	0.3372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4700					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	0.1045	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189		6.1605	6.1605	6.0100e-003		6.3109
Total	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

8850 Sunset Boulevard - Proposed - 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	0.3372					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.4700					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	0.1045	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189		6.1605	6.1605	6.0100e-003		6.3109
Total	3.9117	0.0392	3.4119	1.8000e-004		0.0189	0.0189		0.0189	0.0189	0.0000	6.1605	6.1605	6.0100e-003	0.0000	6.3109

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	1341	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (750 - 9999 HP)	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687
Total	4.4013	19.6825	11.2225	0.0212		0.6475	0.6475		0.6475	0.6475		2,251.5769	2,251.5769	0.3157		2,259.4687

11.0 Vegetation

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

**8850 Sunset Boulevard - Proposed
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	164.38	1000sqft	0.00	164,378.00	0
City Park	0.29	Acre	0.00	12,419.00	0
High Turnover (Sit Down Restaurant)	6.12	1000sqft	0.00	6,119.00	0
Hotel	115.00	Room	0.46	131.90	0
Quality Restaurant	29.28	1000sqft	0.00	29,280.00	0
Recreational Swimming Pool	4.30	1000sqft	0.00	4,301.00	0
Condo/Townhouse	41.00	Dwelling Unit	0.46	136,751.00	66

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor adjusted based on the SCE's Sustainability Report 2019

Land Use - Square feet of uses based on input from applicant. Landscaping modeled as "City Park", Viper Room modeled as "High Turnover Restaurant".

Population based on 1.6 persons/du per SCAG

Construction Phase - Phase durations based on applicant input

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Off-road Equipment - Default

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - Equipment provided by applicant

Off-road Equipment - No off-road equipment for Tenant Improvements

Trips and VMT - Trips based on applicant input

On-road Fugitive Dust - Defaults

Demolition - Tons of debris based on total building demolition of 21,000 SF and parking lot demolition of 27,450 SF

Grading - 84,000 CY of soil to be exported

Architectural Coating - Defaults

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Road Dust - Default

Woodstoves - No woodstoves or fireplaces assumed

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment - Defaults

Energy Use - Adjusted based on exceedance of 2019 Title 24 standards by 20%

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). City Park use represents extensive landscaping for the project. Zeroed out other outdoor water use.

Solid Waste - Default

Construction Off-road Equipment Mitigation - Rule 403 dust control: reduction estimated assuming watering exposed areas 2x per day, and limiting vehicle speeds on unpaved areas to 15 mph

Mobile Land Use Mitigation - Traffic Measures: Urban Project Setting, Increased Density, Increased Diversity, Improve Pedestrian Network (On-Site)

Energy Mitigation -

Water Mitigation - Use water efficient irrigation systems

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Gen Testing: 2 hours per day, up to 50 hours per year
 Stationary Sources - Emergency Generators and Fire Pumps EF - Defaults

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	240.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	100.00	275.00
tblConstructionPhase	NumDays	10.00	40.00
tblConstructionPhase	NumDays	2.00	130.00
tblConstructionPhase	NumDays	5.00	260.00
tblEnergyUse	T24E	186.63	129.33
tblEnergyUse	T24E	3.92	2.72
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24E	2.55	1.77
tblEnergyUse	T24E	8.11	5.62
tblEnergyUse	T24NG	13,424.50	10,605.36
tblEnergyUse	T24NG	42.98	33.95
tblEnergyUse	T24NG	19.92	15.74
tblEnergyUse	T24NG	42.98	33.95
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	34.85	0.00
tblFireplaces	NumberNoFireplace	4.10	41.00
tblFireplaces	NumberWood	2.05	0.00
tblGrading	AcresOfGrading	0.00	25.00
tblGrading	MaterialExported	0.00	84,000.00
tblLandUse	LandUseSquareFeet	164,380.00	164,378.00
tblLandUse	LandUseSquareFeet	12,632.40	12,419.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

tblLandUse	LandUseSquareFeet	6,120.00	6,119.00
tblLandUse	LandUseSquareFeet	166,980.00	131.90
tblLandUse	LandUseSquareFeet	4,300.00	4,301.00
tblLandUse	LandUseSquareFeet	41,000.00	136,751.00
tblLandUse	LotAcreage	3.77	0.00
tblLandUse	LotAcreage	0.29	0.00
tblLandUse	LotAcreage	0.14	0.00
tblLandUse	LotAcreage	3.83	0.46
tblLandUse	LotAcreage	0.67	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	2.56	0.46
tblLandUse	Population	117.00	66.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	HaulingTripNumber	10,500.00	12,000.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	121.00	156.00
tblTripsAndVMT	WorkerTripNumber	10.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblTripsAndVMT	WorkerTripNumber	24.00	32.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	5.67	5.81
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	8.19	6.44
tblVehicleTrips	ST_TR	94.36	93.87
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	4.84	4.96
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	5.95	4.68
tblVehicleTrips	SU_TR	72.16	71.78
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	5.81	5.95
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	8.17	6.43
tblVehicleTrips	WD_TR	89.95	89.48
tblVehicleTrips	WD_TR	33.82	0.00
tblWater	IndoorWaterUseRate	2,671,315.05	2,350,600.00
tblWater	IndoorWaterUseRate	1,857,626.32	24,418,500.00
tblWater	IndoorWaterUseRate	2,917,178.55	9,731,265.00

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

tblWater	IndoorWaterUseRate	8,887,467.10	1,115,075.00
tblWater	IndoorWaterUseRate	254,315.52	5,136,280.00
tblWater	OutdoorWaterUseRate	1,684,089.92	0.00
tblWater	OutdoorWaterUseRate	118,571.89	0.00
tblWater	OutdoorWaterUseRate	324,130.95	0.00
tblWater	OutdoorWaterUseRate	567,285.13	0.00
tblWater	OutdoorWaterUseRate	155,870.80	0.00
tblWoodstoves	NumberCatalytic	2.05	0.00
tblWoodstoves	NumberNoncatalytic	2.05	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2022	0.0926	1.2528	0.9447	3.3300e-003	0.1460	0.0353	0.1813	0.0386	0.0333	0.0720	0.0000	310.4340	310.4340	0.0462	0.0000	311.5883
2023	0.3763	3.3938	4.0061	0.0110	0.3478	0.1175	0.4652	0.0992	0.1117	0.2109	0.0000	997.2539	997.2539	0.1385	0.0000	1,000.7168
2024	0.7018	1.1847	1.8281	4.0500e-003	0.1551	0.0442	0.1993	0.0415	0.0422	0.0837	0.0000	358.9547	358.9547	0.0462	0.0000	360.1093
2025	0.7015	7.6700e-003	0.0334	1.3000e-004	0.0131	1.0000e-004	0.0132	3.4800e-003	9.0000e-005	3.5800e-003	0.0000	11.5520	11.5520	3.2000e-004	0.0000	11.5600
Maximum	0.7018	3.3938	4.0061	0.0110	0.3478	0.1175	0.4652	0.0992	0.1117	0.2109	0.0000	997.2539	997.2539	0.1385	0.0000	1,000.7168

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0926	1.2528	0.9447	3.3300e-003	0.1171	0.0353	0.1524	0.0307	0.0333	0.0640	0.0000	310.4339	310.4339	0.0462	0.0000	311.5882
2023	0.3763	3.3938	4.0061	0.0110	0.3207	0.1175	0.4382	0.0886	0.1117	0.2003	0.0000	997.2533	997.2533	0.1385	0.0000	1,000.7162
2024	0.7018	1.1847	1.8281	4.0500e-003	0.1551	0.0442	0.1993	0.0415	0.0422	0.0837	0.0000	358.9545	358.9545	0.0462	0.0000	360.1091
2025	0.7015	7.6700e-003	0.0334	1.3000e-004	0.0131	1.0000e-004	0.0132	3.4800e-003	9.0000e-005	3.5800e-003	0.0000	11.5520	11.5520	3.2000e-004	0.0000	11.5600
Maximum	0.7018	3.3938	4.0061	0.0110	0.3207	0.1175	0.4382	0.0886	0.1117	0.2003	0.0000	997.2533	997.2533	0.1385	0.0000	1,000.7162

	ROG	NOx	CO	SO2	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	8.46	0.00	6.52	10.16	0.00	5.02	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	0.8478	0.8478
2	12-1-2022	2-28-2023	1.2092	1.2092
3	3-1-2023	5-31-2023	0.9745	0.9745
4	6-1-2023	8-31-2023	0.8744	0.8744
5	9-1-2023	11-30-2023	0.8898	0.8898
6	12-1-2023	2-29-2024	0.8612	0.8612
7	3-1-2024	5-31-2024	0.8828	0.8828
8	6-1-2024	8-31-2024	0.1973	0.1973

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

9	9-1-2024	11-30-2024	0.1778	0.1778
10	12-1-2024	2-28-2025	0.3131	0.3131
11	3-1-2025	5-31-2025	0.4554	0.4554
		Highest	1.2092	1.2092

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	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156
Energy	0.0458	0.4141	0.3357	2.5000e-003		0.0316	0.0316		0.0316	0.0316	0.0000	1,041.7196	1,041.7196	0.0408	0.0150	1,047.1951
Mobile	0.6741	3.1879	7.0539	0.0271	2.3876	0.0211	2.4087	0.6398	0.0196	0.6594	0.0000	2,518.0776	2,518.0776	0.1230	0.0000	2,521.1522
Stationary	0.0550	0.2460	0.1403	2.6000e-004		8.0900e-003	8.0900e-003		8.0900e-003	8.0900e-003	0.0000	25.5325	25.5325	3.5800e-003	0.0000	25.6219
Waste						0.0000	0.0000		0.0000	0.0000	41.7958	0.0000	41.7958	2.4701	0.0000	103.5474
Water						0.0000	0.0000		0.0000	0.0000	13.5632	135.1147	148.6778	1.4004	0.0344	193.9456
Total	1.4827	3.8528	7.9564	0.0299	2.3876	0.0631	2.4507	0.6398	0.0616	0.7014	55.3590	3,721.1430	3,776.5019	4.0386	0.0494	3,892.1779

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156
Energy	0.0458	0.4141	0.3357	2.5000e-003		0.0316	0.0316		0.0316	0.0316	0.0000	1,041.7196	1,041.7196	0.0408	0.0150	1,047.1951
Mobile	0.5796	2.6899	4.7938	0.0165	1.3413	0.0134	1.3547	0.3594	0.0124	0.3718	0.0000	1,530.7329	1,530.7329	0.0825	0.0000	1,532.7942
Stationary	0.0550	0.2460	0.1403	2.6000e-004		8.0900e-003	8.0900e-003		8.0900e-003	8.0900e-003	0.0000	25.5325	25.5325	3.5800e-003	0.0000	25.6219
Waste						0.0000	0.0000		0.0000	0.0000	20.8979	0.0000	20.8979	1.2350	0.0000	51.7737
Water						0.0000	0.0000		0.0000	0.0000	13.5632	135.0582	148.6214	1.4004	0.0344	193.8889
Total	1.3883	3.3548	5.6963	0.0192	1.3413	0.0554	1.3967	0.3594	0.0545	0.4139	34.4611	2,733.7418	2,768.2028	2.7630	0.0494	2,851.9895

	ROG	NOx	CO	SO2	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	6.37	12.93	28.41	35.70	43.82	12.21	43.01	43.82	11.61	40.99	37.75	26.53	26.70	31.58	0.00	26.73

3.0 Construction Detail

Construction Phase

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Grading/Excavation	Grading	10/27/2022	4/26/2023	5	130	
3	Building Construction	Building Construction	4/27/2023	5/15/2024	5	275	
4	Paving/Finishing	Paving	6/14/2023	6/11/2024	5	260	
5	Tenant Improvements	Architectural Coating	3/15/2024	2/13/2025	5	240	
6	Commissioning	Architectural Coating	2/14/2025	4/10/2025	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 276,921; Residential Outdoor: 92,307; Non-Residential Indoor: 53,296; Non-Residential Outdoor: 17,765; Striped Parking Area: 9,863 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Grading/Excavation	Concrete/Industrial Saws	0	8.00	81	0.73
Grading/Excavation	Excavators	2	8.00	158	0.38

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Grading/Excavation	Pumps	1	8.00	84	0.74
Grading/Excavation	Rubber Tired Dozers	1	1.00	247	0.40
Grading/Excavation	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading/Excavation	Trenchers	1	8.00	78	0.50
Building Construction	Aerial Lifts	2	8.00	63	0.31
Building Construction	Air Compressors	2	8.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Paving/Finishing	Cement and Mortar Mixers	1	6.00	9	0.56
Paving/Finishing	Pavers	0	7.00	130	0.42
Paving/Finishing	Paving Equipment	1	8.00	132	0.36
Paving/Finishing	Rollers	0	7.00	80	0.38
Paving/Finishing	Skid Steer Loaders	1	8.00	65	0.37
Paving/Finishing	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Tenant Improvements	Air Compressors	0	6.00	78	0.48
Commissioning	Air Compressors	0	6.00	78	0.48

Trips and VMT

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	10.00	2.00	156.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	9	10.00	2.00	12,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	156.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Finishing	4	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Tenant Improvements	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Commissioning	0	32.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0169	0.0000	0.0169	2.5500e-003	0.0000	2.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0275	0.2418	0.2967	4.9000e-004		0.0125	0.0125		0.0120	0.0120	0.0000	42.5281	42.5281	7.9700e-003	0.0000	42.7274
Total	0.0275	0.2418	0.2967	4.9000e-004	0.0169	0.0125	0.0294	2.5500e-003	0.0120	0.0145	0.0000	42.5281	42.5281	7.9700e-003	0.0000	42.7274

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0200	4.9800e-003	6.0000e-005	1.3400e-003	6.0000e-005	1.4000e-003	3.7000e-004	5.0000e-005	4.2000e-004	0.0000	5.8752	5.8752	4.1000e-004	0.0000	5.8854
Vendor	1.2000e-004	3.7500e-003	1.0100e-003	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.9773	0.9773	6.0000e-005	0.0000	0.9788
Worker	8.1000e-004	6.1000e-004	6.9700e-003	2.0000e-005	2.1900e-003	2.0000e-005	2.2100e-003	5.8000e-004	2.0000e-005	6.0000e-004	0.0000	1.9083	1.9083	5.0000e-005	0.0000	1.9096
Total	1.5600e-003	0.0244	0.0130	9.0000e-005	3.7800e-003	9.0000e-005	3.8700e-003	1.0200e-003	8.0000e-005	1.1000e-003	0.0000	8.7608	8.7608	5.2000e-004	0.0000	8.7738

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.5900e-003	0.0000	7.5900e-003	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0275	0.2418	0.2967	4.9000e-004		0.0125	0.0125		0.0120	0.0120	0.0000	42.5281	42.5281	7.9700e-003	0.0000	42.7274
Total	0.0275	0.2418	0.2967	4.9000e-004	7.5900e-003	0.0125	0.0201	1.1500e-003	0.0120	0.0131	0.0000	42.5281	42.5281	7.9700e-003	0.0000	42.7274

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0200	4.9800e-003	6.0000e-005	1.3400e-003	6.0000e-005	1.4000e-003	3.7000e-004	5.0000e-005	4.2000e-004	0.0000	5.8752	5.8752	4.1000e-004	0.0000	5.8854
Vendor	1.2000e-004	3.7500e-003	1.0100e-003	1.0000e-005	2.5000e-004	1.0000e-005	2.6000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	0.9773	0.9773	6.0000e-005	0.0000	0.9788
Worker	8.1000e-004	6.1000e-004	6.9700e-003	2.0000e-005	2.1900e-003	2.0000e-005	2.2100e-003	5.8000e-004	2.0000e-005	6.0000e-004	0.0000	1.9083	1.9083	5.0000e-005	0.0000	1.9096
Total	1.5600e-003	0.0244	0.0130	9.0000e-005	3.7800e-003	9.0000e-005	3.8700e-003	1.0200e-003	8.0000e-005	1.1000e-003	0.0000	8.7608	8.7608	5.2000e-004	0.0000	8.7738

3.3 Grading/Excavation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0357	0.0000	0.0357	0.0119	0.0000	0.0119	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4241	0.4871	1.0600e-003		0.0212	0.0212		0.0198	0.0198	0.0000	92.3612	92.3612	0.0263	0.0000	93.0175
Total	0.0451	0.4241	0.4871	1.0600e-003	0.0357	0.0212	0.0569	0.0119	0.0198	0.0316	0.0000	92.3612	92.3612	0.0263	0.0000	93.0175

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.3 Grading/Excavation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0174	0.5573	0.1385	1.6600e-003	0.0868	1.5600e-003	0.0884	0.0224	1.4900e-003	0.0239	0.0000	163.3932	163.3932	0.0113	0.0000	163.6757
Vendor	1.4000e-004	4.4100e-003	1.1900e-003	1.0000e-005	3.0000e-004	1.0000e-005	3.0000e-004	9.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1484	1.1484	7.0000e-005	0.0000	1.1501
Worker	9.5000e-004	7.1000e-004	8.1900e-003	2.0000e-005	2.5800e-003	2.0000e-005	2.6000e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.2423	2.2423	6.0000e-005	0.0000	2.2438
Total	0.0185	0.5625	0.1478	1.6900e-003	0.0897	1.5900e-003	0.0913	0.0232	1.5200e-003	0.0247	0.0000	166.7839	166.7839	0.0114	0.0000	167.0696

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0161	0.0000	0.0161	5.3400e-003	0.0000	5.3400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4241	0.4871	1.0600e-003		0.0212	0.0212		0.0198	0.0198	0.0000	92.3611	92.3611	0.0263	0.0000	93.0174
Total	0.0451	0.4241	0.4871	1.0600e-003	0.0161	0.0212	0.0372	5.3400e-003	0.0198	0.0251	0.0000	92.3611	92.3611	0.0263	0.0000	93.0174

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.3 Grading/Excavation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0174	0.5573	0.1385	1.6600e-003	0.0868	1.5600e-003	0.0884	0.0224	1.4900e-003	0.0239	0.0000	163.3932	163.3932	0.0113	0.0000	163.6757
Vendor	1.4000e-004	4.4100e-003	1.1900e-003	1.0000e-005	3.0000e-004	1.0000e-005	3.0000e-004	9.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1484	1.1484	7.0000e-005	0.0000	1.1501
Worker	9.5000e-004	7.1000e-004	8.1900e-003	2.0000e-005	2.5800e-003	2.0000e-005	2.6000e-003	6.8000e-004	2.0000e-005	7.0000e-004	0.0000	2.2423	2.2423	6.0000e-005	0.0000	2.2438
Total	0.0185	0.5625	0.1478	1.6900e-003	0.0897	1.5900e-003	0.0913	0.0232	1.5200e-003	0.0247	0.0000	166.7839	166.7839	0.0114	0.0000	167.0696

3.3 Grading/Excavation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0493	0.0000	0.0493	0.0193	0.0000	0.0193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.6788	0.8563	1.8700e-003		0.0331	0.0331		0.0309	0.0309	0.0000	163.2798	163.2798	0.0463	0.0000	164.4372
Total	0.0745	0.6788	0.8563	1.8700e-003	0.0493	0.0331	0.0823	0.0193	0.0309	0.0502	0.0000	163.2798	163.2798	0.0463	0.0000	164.4372

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.3 Grading/Excavation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0202	0.6458	0.2218	2.8000e-003	0.0939	1.1500e-003	0.0950	0.0250	1.1000e-003	0.0261	0.0000	276.5283	276.5283	0.0185	0.0000	276.9916
Vendor	1.8000e-004	5.8800e-003	1.8900e-003	2.0000e-005	5.2000e-004	1.0000e-005	5.3000e-004	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	1.9645	1.9645	1.1000e-004	0.0000	1.9671
Worker	1.5700e-003	1.1400e-003	0.0133	4.0000e-005	4.5500e-003	4.0000e-005	4.5800e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.8148	3.8148	1.0000e-004	0.0000	3.8173
Total	0.0219	0.6528	0.2370	2.8600e-003	0.0990	1.2000e-003	0.1001	0.0263	1.1400e-003	0.0275	0.0000	282.3076	282.3076	0.0187	0.0000	282.7760

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0222	0.0000	0.0222	8.7000e-003	0.0000	8.7000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0745	0.6788	0.8563	1.8700e-003		0.0331	0.0331		0.0309	0.0309	0.0000	163.2796	163.2796	0.0463	0.0000	164.4370
Total	0.0745	0.6788	0.8563	1.8700e-003	0.0222	0.0331	0.0552	8.7000e-003	0.0309	0.0396	0.0000	163.2796	163.2796	0.0463	0.0000	164.4370

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.3 Grading/Excavation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0202	0.6458	0.2218	2.8000e-003	0.0939	1.1500e-003	0.0950	0.0250	1.1000e-003	0.0261	0.0000	276.5283	276.5283	0.0185	0.0000	276.9916
Vendor	1.8000e-004	5.8800e-003	1.8900e-003	2.0000e-005	5.2000e-004	1.0000e-005	5.3000e-004	1.5000e-004	1.0000e-005	1.6000e-004	0.0000	1.9645	1.9645	1.1000e-004	0.0000	1.9671
Worker	1.5700e-003	1.1400e-003	0.0133	4.0000e-005	4.5500e-003	4.0000e-005	4.5800e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.8148	3.8148	1.0000e-004	0.0000	3.8173
Total	0.0219	0.6528	0.2370	2.8600e-003	0.0990	1.2000e-003	0.1001	0.0263	1.1400e-003	0.0275	0.0000	282.3076	282.3076	0.0187	0.0000	282.7760

3.4 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	0.1814	1.4650	1.8755	3.0400e-003		0.0684	0.0684		0.0660	0.0660	0.0000	258.3893	258.3893	0.0467	0.0000	259.5557
Total	0.1814	1.4650	1.8755	3.0400e-003		0.0684	0.0684		0.0660	0.0660	0.0000	258.3893	258.3893	0.0467	0.0000	259.5557

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.6600e-003	0.2508	0.0804	8.6000e-004	0.0223	2.9000e-004	0.0226	6.4400e-003	2.8000e-004	6.7200e-003	0.0000	83.7856	83.7856	4.5700e-003	0.0000	83.8997
Worker	0.0524	0.0378	0.4424	1.4000e-003	0.1513	1.1700e-003	0.1525	0.0402	1.0800e-003	0.0413	0.0000	126.9102	126.9102	3.2700e-003	0.0000	126.9919
Total	0.0600	0.2886	0.5228	2.2600e-003	0.1736	1.4600e-003	0.1751	0.0466	1.3600e-003	0.0480	0.0000	210.6958	210.6958	7.8400e-003	0.0000	210.8916

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1814	1.4650	1.8755	3.0400e-003		0.0684	0.0684		0.0660	0.0660	0.0000	258.3890	258.3890	0.0467	0.0000	259.5554
Total	0.1814	1.4650	1.8755	3.0400e-003		0.0684	0.0684		0.0660	0.0660	0.0000	258.3890	258.3890	0.0467	0.0000	259.5554

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.6600e-003	0.2508	0.0804	8.6000e-004	0.0223	2.9000e-004	0.0226	6.4400e-003	2.8000e-004	6.7200e-003	0.0000	83.7856	83.7856	4.5700e-003	0.0000	83.8997
Worker	0.0524	0.0378	0.4424	1.4000e-003	0.1513	1.1700e-003	0.1525	0.0402	1.0800e-003	0.0413	0.0000	126.9102	126.9102	3.2700e-003	0.0000	126.9919
Total	0.0600	0.2886	0.5228	2.2600e-003	0.1736	1.4600e-003	0.1751	0.0466	1.3600e-003	0.0480	0.0000	210.6958	210.6958	7.8400e-003	0.0000	210.8916

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0943	0.7652	1.0352	1.6800e-003		0.0331	0.0331		0.0319	0.0319	0.0000	143.0797	143.0797	0.0255	0.0000	143.7182
Total	0.0943	0.7652	1.0352	1.6800e-003		0.0331	0.0331		0.0319	0.0319	0.0000	143.0797	143.0797	0.0255	0.0000	143.7182

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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	4.1400e-003	0.1383	0.0432	4.8000e-004	0.0124	1.6000e-004	0.0125	3.5600e-003	1.5000e-004	3.7200e-003	0.0000	46.2050	46.2050	2.4900e-003	0.0000	46.2672
Worker	0.0275	0.0191	0.2281	7.5000e-004	0.0838	6.4000e-004	0.0844	0.0223	5.9000e-004	0.0228	0.0000	68.0880	68.0880	1.6600e-003	0.0000	68.1294
Total	0.0316	0.1574	0.2712	1.2300e-003	0.0961	8.0000e-004	0.0969	0.0258	7.4000e-004	0.0266	0.0000	114.2929	114.2929	4.1500e-003	0.0000	114.3966

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0943	0.7652	1.0352	1.6800e-003		0.0331	0.0331		0.0319	0.0319	0.0000	143.0795	143.0795	0.0255	0.0000	143.7180
Total	0.0943	0.7652	1.0352	1.6800e-003		0.0331	0.0331		0.0319	0.0319	0.0000	143.0795	143.0795	0.0255	0.0000	143.7180

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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	4.1400e-003	0.1383	0.0432	4.8000e-004	0.0124	1.6000e-004	0.0125	3.5600e-003	1.5000e-004	3.7200e-003	0.0000	46.2050	46.2050	2.4900e-003	0.0000	46.2672
Worker	0.0275	0.0191	0.2281	7.5000e-004	0.0838	6.4000e-004	0.0844	0.0223	5.9000e-004	0.0228	0.0000	68.0880	68.0880	1.6600e-003	0.0000	68.1294
Total	0.0316	0.1574	0.2712	1.2300e-003	0.0961	8.0000e-004	0.0969	0.0258	7.4000e-004	0.0266	0.0000	114.2929	114.2929	4.1500e-003	0.0000	114.3966

3.5 Paving/Finishing - 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	0.0295	0.2923	0.4380	6.7000e-004		0.0132	0.0132		0.0122	0.0122	0.0000	58.1646	58.1646	0.0183	0.0000	58.6214
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0295	0.2923	0.4380	6.7000e-004		0.0132	0.0132		0.0122	0.0122	0.0000	58.1646	58.1646	0.0183	0.0000	58.6214

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.5 Paving/Finishing - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1000e-004	0.0101	3.2500e-003	3.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	3.3846	3.3846	1.8000e-004	0.0000	3.3892
Worker	8.6800e-003	6.2600e-003	0.0733	2.3000e-004	0.0251	1.9000e-004	0.0253	6.6600e-003	1.8000e-004	6.8400e-003	0.0000	21.0322	21.0322	5.4000e-004	0.0000	21.0457
Total	8.9900e-003	0.0164	0.0766	2.6000e-004	0.0260	2.0000e-004	0.0262	6.9200e-003	1.9000e-004	7.1100e-003	0.0000	24.4168	24.4168	7.2000e-004	0.0000	24.4349

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0295	0.2923	0.4380	6.7000e-004		0.0132	0.0132		0.0122	0.0122	0.0000	58.1645	58.1645	0.0183	0.0000	58.6213
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0295	0.2923	0.4380	6.7000e-004		0.0132	0.0132		0.0122	0.0122	0.0000	58.1645	58.1645	0.0183	0.0000	58.6213

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.5 Paving/Finishing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.1000e-004	0.0101	3.2500e-003	3.0000e-005	9.0000e-004	1.0000e-005	9.1000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	3.3846	3.3846	1.8000e-004	0.0000	3.3892
Worker	8.6800e-003	6.2600e-003	0.0733	2.3000e-004	0.0251	1.9000e-004	0.0253	6.6600e-003	1.8000e-004	6.8400e-003	0.0000	21.0322	21.0322	5.4000e-004	0.0000	21.0457
Total	8.9900e-003	0.0164	0.0766	2.6000e-004	0.0260	2.0000e-004	0.0262	6.9200e-003	1.9000e-004	7.1100e-003	0.0000	24.4168	24.4168	7.2000e-004	0.0000	24.4349

3.5 Paving/Finishing - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0232	0.2262	0.3593	5.5000e-004		9.8100e-003	9.8100e-003		9.0800e-003	9.0800e-003	0.0000	47.6023	47.6023	0.0150	0.0000	47.9761
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0232	0.2262	0.3593	5.5000e-004		9.8100e-003	9.8100e-003		9.0800e-003	9.0800e-003	0.0000	47.6023	47.6023	0.0150	0.0000	47.9761

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.5 Paving/Finishing - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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	2.5000e-004	8.2600e-003	2.5800e-003	3.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.1000e-004	1.0000e-005	2.2000e-004	0.0000	2.7582	2.7582	1.5000e-004	0.0000	2.7619
Worker	6.7300e-003	4.6700e-003	0.0559	1.8000e-004	0.0205	1.6000e-004	0.0207	5.4500e-003	1.4000e-004	5.5900e-003	0.0000	16.6746	16.6746	4.1000e-004	0.0000	16.6848
Total	6.9800e-003	0.0129	0.0584	2.1000e-004	0.0213	1.7000e-004	0.0214	5.6600e-003	1.5000e-004	5.8100e-003	0.0000	19.4328	19.4328	5.6000e-004	0.0000	19.4466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0232	0.2262	0.3593	5.5000e-004		9.8100e-003	9.8100e-003		9.0800e-003	9.0800e-003	0.0000	47.6022	47.6022	0.0150	0.0000	47.9761
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0232	0.2262	0.3593	5.5000e-004		9.8100e-003	9.8100e-003		9.0800e-003	9.0800e-003	0.0000	47.6022	47.6022	0.0150	0.0000	47.9761

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

3.7 Commissioning - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	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	8.0000e-005	2.8000e-003	8.6000e-004	1.0000e-005	2.5000e-004	0.0000	2.6000e-004	7.0000e-005	0.0000	8.0000e-005	0.0000	0.9378	0.9378	5.0000e-005	0.0000	0.9391
Worker	2.1900e-003	1.4600e-003	0.0177	6.0000e-005	7.0100e-003	5.0000e-005	7.0700e-003	1.8600e-003	5.0000e-005	1.9100e-003	0.0000	5.4800	5.4800	1.3000e-004	0.0000	5.4832
Total	2.2700e-003	4.2600e-003	0.0186	7.0000e-005	7.2600e-003	5.0000e-005	7.3300e-003	1.9300e-003	5.0000e-005	1.9900e-003	0.0000	6.4178	6.4178	1.8000e-004	0.0000	6.4222

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

8850 Sunset Boulevard - Proposed - 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	0.5796	2.6899	4.7938	0.0165	1.3413	0.0134	1.3547	0.3594	0.0124	0.3718	0.0000	1,530.7329	1,530.7329	0.0825	0.0000	1,532.7942
Unmitigated	0.6741	3.1879	7.0539	0.0271	2.3876	0.0211	2.4087	0.6398	0.0196	0.6594	0.0000	2,518.0776	2,518.0776	0.1230	0.0000	2,521.1522

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse	243.95	238.21	203.36	810,998	455,599
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	95.04	118.36	98.53	134,747	75,698
Hotel	739.45	740.60	538.20	1,696,244	952,909
Quality Restaurant	2,619.97	2,748.51	2101.72	3,650,619	2,050,830
Recreational Swimming Pool	0.00	0.00	0.00		
Total	3,698.42	3,845.68	2,941.81	6,292,607	3,535,036

4.3 Trip Type Information

8850 Sunset Boulevard - Proposed - 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	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Condo/Townhouse	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Enclosed Parking with Elevator	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
High Turnover (Sit Down Restaurant)	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Hotel	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Quality Restaurant	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834
Recreational Swimming Pool	0.544210	0.044379	0.208611	0.117175	0.014456	0.006301	0.020907	0.032661	0.002589	0.001903	0.005267	0.000705	0.000834

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

8850 Sunset Boulevard - Proposed - 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	588.9531	588.9531	0.0321	6.6500e-003	591.7381
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	588.9531	588.9531	0.0321	6.6500e-003	591.7381
NaturalGas Mitigated	0.0458	0.4141	0.3357	2.5000e-003			0.0316	0.0316		0.0316	0.0000	452.7664	452.7664	8.6800e-003	8.3000e-003	455.4570
NaturalGas Unmitigated	0.0458	0.4141	0.3357	2.5000e-003			0.0316	0.0316		0.0316	0.0000	452.7664	452.7664	8.6800e-003	8.3000e-003	455.4570

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
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	632891	3.4100e-003	0.0292	0.0124	1.9000e-004		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	33.7735	33.7735	6.5000e-004	6.2000e-004	33.9742
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	1.35677e+006	7.3200e-003	0.0665	0.0559	4.0000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	72.4022	72.4022	1.3900e-003	1.3300e-003	72.8324
Hotel	2611.62	1.0000e-005	1.3000e-004	1.1000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1394	0.1394	0.0000	0.0000	0.1402
Quality Restaurant	6.49225e+006	0.0350	0.3183	0.2673	1.9100e-003		0.0242	0.0242		0.0242	0.0242	0.0000	346.4514	346.4514	6.6400e-003	6.3500e-003	348.5102
Recreational Swimming Pool	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
Total		0.0458	0.4141	0.3357	2.5000e-003		0.0316	0.0316		0.0316	0.0316	0.0000	452.7664	452.7664	8.6800e-003	8.3000e-003	455.4570

8850 Sunset Boulevard - Proposed - 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	632891	3.4100e-003	0.0292	0.0124	1.9000e-004		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	33.7735	33.7735	6.5000e-004	6.2000e-004	33.9742
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	1.35677e+006	7.3200e-003	0.0665	0.0559	4.0000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	72.4022	72.4022	1.3900e-003	1.3300e-003	72.8324
Hotel	2611.62	1.0000e-005	1.3000e-004	1.1000e-004	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1394	0.1394	0.0000	0.0000	0.1402
Quality Restaurant	6.49225e+006	0.0350	0.3183	0.2673	1.9100e-003		0.0242	0.0242		0.0242	0.0242	0.0000	346.4514	346.4514	6.6400e-003	6.3500e-003	348.5102
Recreational Swimming Pool	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
Total		0.0458	0.4141	0.3357	2.5000e-003		0.0316	0.0316		0.0316	0.0316	0.0000	452.7664	452.7664	8.6800e-003	8.3000e-003	455.4570

8850 Sunset Boulevard - Proposed - 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	201943	48.6798	2.6600e-003	5.5000e-004	48.9100
Enclosed Parking with Elevator	766001	184.6501	0.0101	2.0800e-003	185.5233
High Turnover (Sit Down Restaurant)	254856	61.4349	3.3500e-003	6.9000e-004	61.7255
Hotel	896.92	0.2162	1.0000e-005	0.0000	0.2172
Quality Restaurant	1.21951e+006	293.9721	0.0160	3.3200e-003	295.3622
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Total		588.9531	0.0321	6.6400e-003	591.7381

8850 Sunset Boulevard - Proposed - 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	201943	48.6798	2.6600e-003	5.5000e-004	48.9100
Enclosed Parking with Elevator	766001	184.6501	0.0101	2.0800e-003	185.5233
High Turnover (Sit Down Restaurant)	254856	61.4349	3.3500e-003	6.9000e-004	61.7255
Hotel	896.92	0.2162	1.0000e-005	0.0000	0.2172
Quality Restaurant	1.21951e+006	293.9721	0.0160	3.3200e-003	295.3622
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Total		588.9531	0.0321	6.6400e-003	591.7381

6.0 Area Detail

6.1 Mitigation Measures Area

8850 Sunset Boulevard - Proposed - 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	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156
Unmitigated	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156

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	0.0615					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6333					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	0.0131	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156
Total	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156

8850 Sunset Boulevard - Proposed - 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	0.0615					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6333					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	0.0131	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156
Total	0.7079	4.9000e-003	0.4265	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.6986	0.6986	6.8000e-004	0.0000	0.7156

7.0 Water Detail

7.1 Mitigation Measures Water

Use Water Efficient Irrigation System

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	148.6214	1.4004	0.0344	193.8889
Unmitigated	148.6778	1.4004	0.0344	193.9456

8850 Sunset Boulevard - Proposed - 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 / 0.34553	0.9254	5.0000e-005	1.0000e-005	0.9298
Condo/Townhouse	2.3506 / 0	8.1238	0.0770	1.8900e-003	10.6125
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	24.4185 / 0	84.3918	0.7999	0.0197	110.2449
Hotel	9.73127 / 0	33.6318	0.3188	7.8300e-003	43.9348
Quality Restaurant	1.11508 / 0	3.8538	0.0365	9.0000e-004	5.0344
Recreational Swimming Pool	5.13628 / 0	17.7513	0.1683	4.1300e-003	23.1893
Total		148.6778	1.4005	0.0344	193.9456

8850 Sunset Boulevard - Proposed - 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 / 0.324452	0.8689	5.0000e-005	1.0000e-005	0.8730
Condo/Townhouse	2.3506 / 0	8.1238	0.0770	1.8900e-003	10.6125
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	24.4185 / 0	84.3918	0.7999	0.0197	110.2449
Hotel	9.73127 / 0	33.6318	0.3188	7.8300e-003	43.9348
Quality Restaurant	1.11508 / 0	3.8538	0.0365	9.0000e-004	5.0344
Recreational Swimming Pool	5.13628 / 0	17.7513	0.1683	4.1300e-003	23.1893
Total		148.6214	1.4005	0.0344	193.8889

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	20.8979	1.2350	0.0000	51.7737
Unmitigated	41.7958	2.4701	0.0000	103.5474

8850 Sunset Boulevard - Proposed - 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	0.02	4.0600e-003	2.4000e-004	0.0000	0.0101
Condo/Townhouse	18.86	3.8284	0.2263	0.0000	9.4847
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	72.83	14.7838	0.8737	0.0000	36.6263
Hotel	62.96	12.7803	0.7553	0.0000	31.6627
Quality Restaurant	26.72	5.4239	0.3205	0.0000	13.4375
Recreational Swimming Pool	24.51	4.9753	0.2940	0.0000	12.3261
Total		41.7958	2.4701	0.0000	103.5474

8850 Sunset Boulevard - Proposed - 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	0.01	2.0300e-003	1.2000e-004	0.0000	5.0300e-003
Condo/Townhouse	9.43	1.9142	0.1131	0.0000	4.7424
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	36.415	7.3919	0.4369	0.0000	18.3132
Hotel	31.48	6.3902	0.3777	0.0000	15.8313
Quality Restaurant	13.36	2.7120	0.1603	0.0000	6.7188
Recreational Swimming Pool	12.255	2.4877	0.1470	0.0000	6.1631
Total		20.8979	1.2350	0.0000	51.7737

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

8850 Sunset Boulevard - Proposed - Los Angeles-South Coast County, Annual

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	1341	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (750 - 9999 HP)	0.0550	0.2460	0.1403	2.6000e-004		8.0900e-003	8.0900e-003		8.0900e-003	8.0900e-003	0.0000	25.5325	25.5325	3.5800e-003	0.0000	25.6219
Total	0.0550	0.2460	0.1403	2.6000e-004		8.0900e-003	8.0900e-003		8.0900e-003	8.0900e-003	0.0000	25.5325	25.5325	3.5800e-003	0.0000	25.6219

11.0 Vegetation

8850 Sunset Boulevard - Proposed
Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commissioning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading/Excavation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving/Finishing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tenant Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	No Change	0	2	No Change	0.00
Air Compressors	Diesel	No Change	0	5	No Change	0.00
Bore/Drill Rigs	Diesel	No Change	0	2	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	2	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	3	No Change	0.00
Forklifts	Diesel	No Change	0	2	No Change	0.00
Pavers	Diesel	No Change	0	0	No Change	0.00
Paving Equipment	Diesel	No Change	0	1	No Change	0.00
Pumps	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	0	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	3	No Change	0.00
Skid Steer Loaders	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	7	No Change	0.00
Trenchers	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	0	2	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Aerial Lifts	9.52000E-003	1.45960E-001	3.00380E-001	4.60000E-004	2.52000E-003	2.32000E-003	0.00000E+000	4.05697E+001	4.05697E+001	1.31200E-002	0.00000E+000	4.08977E+001
Air Compressors	6.88500E-002	4.66760E-001	6.63950E-001	1.09000E-003	2.46700E-002	2.46700E-002	0.00000E+000	9.36193E+001	9.36193E+001	5.48000E-003	0.00000E+000	9.37564E+001
Bore/Drill Rigs	2.83900E-002	2.75810E-001	2.64660E-001	1.23000E-003	8.90000E-003	8.19000E-003	0.00000E+000	1.07879E+002	1.07879E+002	3.48900E-002	0.00000E+000	1.08751E+002
Cement and Mortar Mixers	5.73000E-003	3.59000E-002	3.00700E-002	7.00000E-005	1.40000E-003	1.40000E-003	0.00000E+000	4.46819E+000	4.46819E+000	4.60000E-004	0.00000E+000	4.47979E+000
Concrete/Industrial Saws	1.43100E-002	1.12050E-001	1.46590E-001	2.50000E-004	6.01000E-003	6.01000E-003	0.00000E+000	2.15063E+001	2.15063E+001	1.17000E-003	0.00000E+000	2.15356E+001
Cranes	2.36800E-002	2.54690E-001	1.24650E-001	4.00000E-004	1.06200E-002	9.77000E-003	0.00000E+000	3.48527E+001	3.48527E+001	1.12700E-002	0.00000E+000	3.51345E+001
Excavators	2.92200E-002	2.47590E-001	4.88490E-001	7.80000E-004	1.20500E-002	1.10800E-002	0.00000E+000	6.80477E+001	6.80477E+001	2.20100E-002	0.00000E+000	6.85979E+001
Forklifts	2.05400E-002	1.92340E-001	2.35710E-001	3.20000E-004	1.16200E-002	1.06900E-002	0.00000E+000	2.76976E+001	2.76976E+001	8.96000E-003	0.00000E+000	2.79215E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	2.18400E-002	2.02130E-001	3.33140E-001	5.30000E-004	9.80000E-003	9.02000E-003	0.00000E+000	4.65210E+001	4.65210E+001	1.50500E-002	0.00000E+000	4.68972E+001
Pumps	6.58700E-002	5.53990E-001	7.54250E-001	1.33000E-003	2.69400E-002	2.69400E-002	0.00000E+000	1.14455E+002	1.14455E+002	5.26000E-003	0.00000E+000	1.14586E+002
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	1.02000E-002	1.06770E-001	4.45500E-002	1.10000E-004	4.98000E-003	4.58000E-003	0.00000E+000	9.84718E+000	9.84718E+000	3.18000E-003	0.00000E+000	9.92680E+000
Skid Steer Loaders	8.30000E-003	1.10170E-001	1.80050E-001	2.70000E-004	3.65000E-003	3.35000E-003	0.00000E+000	2.36485E+001	2.36485E+001	7.65000E-003	0.00000E+000	2.38397E+001
Tractors/Loaders/Backhoes	7.79000E-002	7.88880E-001	1.15299E+000	1.61000E-003	3.86800E-002	3.55800E-002	0.00000E+000	1.41244E+002	1.41244E+002	4.56800E-002	0.00000E+000	1.42386E+002
Trenchers	2.29400E-002	2.13600E-001	1.68650E-001	2.20000E-004	1.49400E-002	1.37400E-002	0.00000E+000	1.92887E+001	1.92887E+001	6.24000E-003	0.00000E+000	1.94446E+001
Welders	6.81500E-002	3.86750E-001	4.60040E-001	7.00000E-004	1.44100E-002	1.44100E-002	0.00000E+000	5.17607E+001	5.17607E+001	5.52000E-003	0.00000E+000	5.18986E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	9.52000E-003	1.45960E-001	3.00380E-001	4.60000E-004	2.52000E-003	2.32000E-003	0.00000E+000	4.05697E+001	4.05697E+001	1.31200E-002	0.00000E+000	4.08977E+001
Air Compressors	6.88500E-002	4.66760E-001	6.63950E-001	1.09000E-003	2.46700E-002	2.46700E-002	0.00000E+000	9.36192E+001	9.36192E+001	5.48000E-003	0.00000E+000	9.37563E+001
Bore/Drill Rigs	2.83900E-002	2.75810E-001	2.64660E-001	1.23000E-003	8.90000E-003	8.19000E-003	0.00000E+000	1.07879E+002	1.07879E+002	3.48900E-002	0.00000E+000	1.08751E+002
Cement and Mortar Mixers	5.73000E-003	3.59000E-002	3.00700E-002	7.00000E-005	1.40000E-003	1.40000E-003	0.00000E+000	4.46819E+000	4.46819E+000	4.60000E-004	0.00000E+000	4.47979E+000
Concrete/Industrial Saws	1.43100E-002	1.12050E-001	1.46590E-001	2.50000E-004	6.01000E-003	6.01000E-003	0.00000E+000	2.15062E+001	2.15062E+001	1.17000E-003	0.00000E+000	2.15356E+001
Cranes	2.36800E-002	2.54690E-001	1.24650E-001	4.00000E-004	1.06200E-002	9.77000E-003	0.00000E+000	3.48527E+001	3.48527E+001	1.12700E-002	0.00000E+000	3.51345E+001
Excavators	2.92200E-002	2.47590E-001	4.88490E-001	7.80000E-004	1.20500E-002	1.10800E-002	0.00000E+000	6.80477E+001	6.80477E+001	2.20100E-002	0.00000E+000	6.85979E+001
Forklifts	2.05400E-002	1.92340E-001	2.35710E-001	3.20000E-004	1.16200E-002	1.06900E-002	0.00000E+000	2.76976E+001	2.76976E+001	8.96000E-003	0.00000E+000	2.79215E+001
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	2.18400E-002	2.02130E-001	3.33140E-001	5.30000E-004	9.80000E-003	9.02000E-003	0.00000E+000	4.65210E+001	4.65210E+001	1.50500E-002	0.00000E+000	4.68971E+001
Pumps	6.58700E-002	5.53980E-001	7.54250E-001	1.33000E-003	2.69400E-002	2.69400E-002	0.00000E+000	1.14454E+002	1.14454E+002	5.26000E-003	0.00000E+000	1.14586E+002
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	1.02000E-002	1.06770E-001	4.45500E-002	1.10000E-004	4.98000E-003	4.58000E-003	0.00000E+000	9.84717E+000	9.84717E+000	3.18000E-003	0.00000E+000	9.92679E+000
Skid Steer Loaders	8.30000E-003	1.10170E-001	1.80050E-001	2.70000E-004	3.65000E-003	3.35000E-003	0.00000E+000	2.36484E+001	2.36484E+001	7.65000E-003	0.00000E+000	2.38396E+001
Tractors/Loaders/Backhoes	7.79000E-002	7.88880E-001	1.15299E+000	1.61000E-003	3.86800E-002	3.55800E-002	0.00000E+000	1.41244E+002	1.41244E+002	4.56800E-002	0.00000E+000	1.42386E+002
Trenchers	2.29400E-002	2.13600E-001	1.68650E-001	2.20000E-004	1.49400E-002	1.37400E-002	0.00000E+000	1.92886E+001	1.92886E+001	6.24000E-003	0.00000E+000	1.94446E+001
Welders	6.81500E-002	3.86750E-001	4.60040E-001	7.00000E-004	1.44100E-002	1.44100E-002	0.00000E+000	5.17606E+001	5.17606E+001	5.52000E-003	0.00000E+000	5.18985E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Aerial Lifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.23245E-006	1.23245E-006	0.00000E+000	0.00000E+000	9.78049E-007
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17497E-006	1.17497E-006	0.00000E+000	0.00000E+000	1.17325E-006
Bore/Drill Rigs	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20506E-006	1.20506E-006	0.00000E+000	0.00000E+000	1.19539E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.29962E-007	9.29962E-007	0.00000E+000	0.00000E+000	9.28696E-007
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.43461E-006	1.43461E-006	0.00000E+000	0.00000E+000	1.13848E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17565E-006	1.17565E-006	0.00000E+000	0.00000E+000	1.16622E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.08313E-006	1.08313E-006	0.00000E+000	0.00000E+000	1.07444E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.07478E-006	1.07478E-006	0.00000E+000	0.00000E+000	1.27940E-006
Pumps	0.00000E+000	1.80509E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22319E-006	1.22319E-006	0.00000E+000	0.00000E+000	1.13452E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.01552E-006	1.01552E-006	0.00000E+000	0.00000E+000	1.00737E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.26858E-006	1.26858E-006	0.00000E+000	0.00000E+000	8.38938E-007
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20359E-006	1.20359E-006	0.00000E+000	0.00000E+000	1.19393E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.03688E-006	1.03688E-006	0.00000E+000	0.00000E+000	1.54284E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15918E-006	1.15918E-006	0.00000E+000	0.00000E+000	1.15610E-006

Fugitive Dust Mitigation

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00
----	-----------------------------------	----------------	------	-----------------	------

No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.27	0.07	0.27	0.07	0.00	0.00
Commissioning	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commissioning	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition	Fugitive Dust	0.02	0.00	0.01	0.00	0.55	0.55
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading/Excavation	Fugitive Dust	0.08	0.03	0.04	0.01	0.55	0.55
Grading/Excavation	Roads	0.19	0.05	0.19	0.05	0.00	0.00
Paving/Finishing	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving/Finishing	Roads	0.05	0.01	0.05	0.01	0.00	0.00
Tenant Improvements	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Tenant Improvements	Roads	0.04	0.01	0.04	0.01	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	14.01	15.62	32.04	39.35	36.59	36.57	0.00	39.21	39.21	32.96	0.00	39.20
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.03
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Urban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
Yes	Land Use	Increase Density	0.00	41.00	219.00	
Yes	Land Use	Increase Diversity	0.19	0.47		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
No	Land Use	Integrate Below Market Rate Housing	0.00	0.00		
	Land Use	Land Use SubTotal	0.43			

Yes	Neighborhood Enhancements	Improve Pedestrian Network	1.00	Project Site	
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.01		
Yes	Parking Policy Pricing	Limit Parking Supply	0.00	0.00	
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00	
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00	
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00	0.00	
No	Transit Improvements	Expand Transit Network	0.00	0.00	
No	Transit Improvements	Increase Transit Frequency	0.00		0.00
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.44		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	7.70		
No	Commute	Workplace Parking Charge		0.00	
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	15.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.44		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	50.00
--	-------

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

8850 Sunset - Existing Uses to Be Demolished
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	27.45	1000sqft	0.63	27,450.00	0
High Turnover (Sit Down Restaurant)	3.02	1000sqft	0.07	3,019.00	0
Regional Shopping Center	13.86	1000sqft	0.22	13,860.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

Project Characteristics - CO2 Intensity Factor adjusted based on SCE's 2019 intensity factor from the Sustainability Report 2019

Land Use - Existing uses to be demolished

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Demolition - Modeling operations only

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Woodstoves - No hearths

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment -

Energy Use - Adjusted based on historical data (i.e., pre-2005) energy intensity

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). Zeroed out the outdoor water use based on minimal landscaping

Solid Waste - Default

Mobile Land Use Mitigation - Traffic Measures: Urban Setting, Increased Density

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	8,440.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	25,319.00	0.00
tblArchitecturalCoating	ConstArea_Parking	1,647.00	0.00
tblLandUse	LandUseSquareFeet	3,020.00	3,019.00
tblLandUse	LotAcreage	0.32	0.22
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	49.97	44.18
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	25.24	22.31
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	42.70	37.75
tblWater	IndoorWaterUseRate	916,671.81	2,295,120.00
tblWater	IndoorWaterUseRate	1,026,645.15	930,750.00
tblWater	OutdoorWaterUseRate	58,510.97	0.00
tblWater	OutdoorWaterUseRate	629,234.12	0.00

2.0 Emissions Summary

8850 Sunset - Existing Uses to Be Demolished - 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	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Energy	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
Mobile	1.2652	5.3559	14.1722	0.0409	2.9858	0.0464	3.0322	0.7992	0.0436	0.8428		4,149.0328	4,149.0328	0.2499		4,155.2813
Total	1.6762	5.5527	14.3421	0.0420	2.9858	0.0614	3.0472	0.7992	0.0586	0.8578		4,385.2159	4,385.2159	0.2545	4.3300e-003	4,392.8685

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	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Energy	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
Mobile	1.2470	5.2364	13.7053	0.0393	2.8604	0.0447	2.9050	0.7656	0.0420	0.8076		3,988.4007	3,988.4007	0.2416		3,994.4414
Total	1.6580	5.4332	13.8752	0.0405	2.8604	0.0596	2.9200	0.7656	0.0569	0.8226		4,224.5838	4,224.5838	0.2462	4.3300e-003	4,232.0285

8850 Sunset - Existing Uses to Be Demolished - 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	1.09	2.15	3.26	3.76	4.20	2.85	4.17	4.20	2.82	4.10	0.00	3.66	3.66	3.27	0.00	3.66

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	1/30/2018	2/5/2018	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.63

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	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
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

3.2 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

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

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

3.2 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2470	5.2364	13.7053	0.0393	2.8604	0.0447	2.9050	0.7656	0.0420	0.8076		3,988.4007	3,988.4007	0.2416		3,994.4414
Unmitigated	1.2652	5.3559	14.1722	0.0409	2.9858	0.0464	3.0322	0.7992	0.0436	0.8428		4,149.0328	4,149.0328	0.2499		4,155.2813

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	46.90	58.41	48.62	66,493	63,700
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	523.22	612.33	309.22	1,093,048	1,047,140
Total	570.12	670.74	357.84	1,159,541	1,110,840

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Parking Lot	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Regional Shopping Center	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
NaturalGas Unmitigated	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

8850 Sunset - Existing Uses to Be Demolished - 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					
High Turnover (Sit Down Restaurant)	1938.36	0.0209	0.1900	0.1596	1.1400e-003		0.0144	0.0144		0.0144	0.0144		228.0428	228.0428	4.3700e-003	4.1800e-003	229.3979
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69.1101	7.5000e-004	6.7800e-003	5.6900e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.1306	8.1306	1.6000e-004	1.5000e-004	8.1789
Total		0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

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					
High Turnover (Sit Down Restaurant)	1.93836	0.0209	0.1900	0.1596	1.1400e-003		0.0144	0.0144		0.0144	0.0144		228.0428	228.0428	4.3700e-003	4.1800e-003	229.3979
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0691101	7.5000e-004	6.7800e-003	5.6900e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.1306	8.1306	1.6000e-004	1.5000e-004	8.1789
Total		0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

6.0 Area Detail

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Unmitigated	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

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	0.0450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3000e-004	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Total	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

8850 Sunset - Existing Uses to Be Demolished - 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	0.0450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3000e-004	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Total	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Summer

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

11.0 Vegetation

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

8850 Sunset - Existing Uses to Be Demolished
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	27.45	1000sqft	0.63	27,450.00	0
High Turnover (Sit Down Restaurant)	3.02	1000sqft	0.07	3,019.00	0
Regional Shopping Center	13.86	1000sqft	0.22	13,860.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

Project Characteristics - CO2 Intensity Factor adjusted based on SCE's 2019 intensity factor from the Sustainability Report 2019

Land Use - Existing uses to be demolished

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Demolition - Modeling operations only

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Woodstoves - No hearths

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment -

Energy Use - Adjusted based on historical data (i.e., pre-2005) energy intensity

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). Zeroed out the outdoor water use based on minimal landscaping

Solid Waste - Default

Mobile Land Use Mitigation - Traffic Measures: Urban Setting, Increased Density

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	8,440.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	25,319.00	0.00
tblArchitecturalCoating	ConstArea_Parking	1,647.00	0.00
tblLandUse	LandUseSquareFeet	3,020.00	3,019.00
tblLandUse	LotAcreage	0.32	0.22
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	49.97	44.18
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	25.24	22.31
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	42.70	37.75
tblWater	IndoorWaterUseRate	916,671.81	2,295,120.00
tblWater	IndoorWaterUseRate	1,026,645.15	930,750.00
tblWater	OutdoorWaterUseRate	58,510.97	0.00
tblWater	OutdoorWaterUseRate	629,234.12	0.00

2.0 Emissions Summary

8850 Sunset - Existing Uses to Be Demolished - 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	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Energy	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
Mobile	1.2334	5.4663	13.7785	0.0388	2.9858	0.0469	3.0326	0.7992	0.0440	0.8432		3,941.3960	3,941.3960	0.2511		3,947.6734
Total	1.6444	5.6632	13.9484	0.0400	2.9858	0.0618	3.0476	0.7992	0.0590	0.8582		4,177.5791	4,177.5791	0.2557	4.3300e-003	4,185.2606

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	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Energy	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
Mobile	1.2157	5.3398	13.3543	0.0373	2.8604	0.0451	2.9055	0.7656	0.0424	0.8080		3,788.2814	3,788.2814	0.2430		3,794.3568
Total	1.6267	5.5367	13.5242	0.0385	2.8604	0.0601	2.9205	0.7656	0.0574	0.8230		4,024.4644	4,024.4644	0.2476	4.3300e-003	4,031.9440

8850 Sunset - Existing Uses to Be Demolished - 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	1.08	2.23	3.04	3.78	4.20	2.83	4.17	4.20	2.78	4.10	0.00	3.67	3.67	3.16	0.00	3.66

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	1/30/2018	2/5/2018	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.63

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	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
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

3.2 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

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

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

3.2 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2157	5.3398	13.3543	0.0373	2.8604	0.0451	2.9055	0.7656	0.0424	0.8080		3,788.2814	3,788.2814	0.2430		3,794.3568
Unmitigated	1.2334	5.4663	13.7785	0.0388	2.9858	0.0469	3.0326	0.7992	0.0440	0.8432		3,941.3960	3,941.3960	0.2511		3,947.6734

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	46.90	58.41	48.62	66,493	63,700
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	523.22	612.33	309.22	1,093,048	1,047,140
Total	570.12	670.74	357.84	1,159,541	1,110,840

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Parking Lot	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Regional Shopping Center	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768
NaturalGas Unmitigated	0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

8850 Sunset - Existing Uses to Be Demolished - 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					
High Turnover (Sit Down Restaurant)	1938.36	0.0209	0.1900	0.1596	1.1400e-003		0.0144	0.0144		0.0144	0.0144		228.0428	228.0428	4.3700e-003	4.1800e-003	229.3979
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	69.1101	7.5000e-004	6.7800e-003	5.6900e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.1306	8.1306	1.6000e-004	1.5000e-004	8.1789
Total		0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

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					
High Turnover (Sit Down Restaurant)	1.93836	0.0209	0.1900	0.1596	1.1400e-003		0.0144	0.0144		0.0144	0.0144		228.0428	228.0428	4.3700e-003	4.1800e-003	229.3979
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0691101	7.5000e-004	6.7800e-003	5.6900e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004		8.1306	8.1306	1.6000e-004	1.5000e-004	8.1789
Total		0.0217	0.1968	0.1653	1.1800e-003		0.0150	0.0150		0.0150	0.0150		236.1734	236.1734	4.5300e-003	4.3300e-003	237.5768

6.0 Area Detail

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Unmitigated	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

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	0.0450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3000e-004	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Total	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

8850 Sunset - Existing Uses to Be Demolished - 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	0.0450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.3000e-004	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104
Total	0.3893	4.0000e-005	4.5700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7000e-003	9.7000e-003	3.0000e-005		0.0104

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Winter

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

11.0 Vegetation

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

8850 Sunset - Existing Uses to Be Demolished
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	27.45	1000sqft	0.63	27,450.00	0
High Turnover (Sit Down Restaurant)	3.02	1000sqft	0.07	3,019.00	0
Regional Shopping Center	13.86	1000sqft	0.22	13,860.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

Project Characteristics - CO2 Intensity Factor adjusted based on SCE's 2019 intensity factor from the Sustainability Report 2019

Land Use - Existing uses to be demolished

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

On-road Fugitive Dust - Modeling operations only

Demolition - Modeling operations only

Grading - Modeling operations only

Architectural Coating - Modeling operations only

Vehicle Trips - Adjusted weekday trip generation rate to match traffic report. Adjusted Saturday and Sunday trip generation proportionally to weekday change

Woodstoves - No hearths

Consumer Products - Defaults

Area Coating - Defaults

Landscape Equipment -

Energy Use - Adjusted based on historical data (i.e., pre-2005) energy intensity

Water And Wastewater - Adjusted indoor water use based on the 8850 Sunset Sewer Capacity Study (2018). Zeroed out the outdoor water use based on minimal landscaping

Solid Waste - Default

Mobile Land Use Mitigation - Traffic Measures: Urban Setting, Increased Density

Waste Mitigation - 50% waste diversion consistent with Assembly Bill 939

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	8,440.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	25,319.00	0.00
tblArchitecturalCoating	ConstArea_Parking	1,647.00	0.00
tblLandUse	LandUseSquareFeet	3,020.00	3,019.00
tblLandUse	LotAcreage	0.32	0.22
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	158.37	19.34
tblVehicleTrips	ST_TR	49.97	44.18
tblVehicleTrips	SU_TR	131.84	16.10
tblVehicleTrips	SU_TR	25.24	22.31
tblVehicleTrips	WD_TR	127.15	15.53
tblVehicleTrips	WD_TR	42.70	37.75
tblWater	IndoorWaterUseRate	916,671.81	2,295,120.00
tblWater	IndoorWaterUseRate	1,026,645.15	930,750.00
tblWater	OutdoorWaterUseRate	58,510.97	0.00
tblWater	OutdoorWaterUseRate	629,234.12	0.00

2.0 Emissions Summary

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	133.4123	133.4123	5.9000e-003	1.7800e-003	134.0906
Mobile	0.1799	0.8371	2.0889	5.9200e-003	0.4401	7.0000e-003	0.4471	0.1180	6.5700e-003	0.1246	0.0000	545.6310	545.6310	0.0340	0.0000	546.4812
Waste						0.0000	0.0000		0.0000	0.0000	10.2490	0.0000	10.2490	0.6057	0.0000	25.3915
Water						0.0000	0.0000		0.0000	0.0000	1.0234	10.1254	11.1488	0.1057	2.6000e-003	14.5642
Total	0.2548	0.8730	2.1197	6.1400e-003	0.4401	9.7300e-003	0.4499	0.1180	9.3000e-003	0.1273	11.2724	689.1697	700.4421	0.7513	4.3800e-003	720.5286

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Energy	3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	133.4123	133.4123	5.9000e-003	1.7800e-003	134.0906
Mobile	0.1772	0.8177	2.0235	5.6900e-003	0.4217	6.7300e-003	0.4284	0.1131	6.3300e-003	0.1194	0.0000	524.5023	524.5023	0.0329	0.0000	525.3248
Waste						0.0000	0.0000		0.0000	0.0000	5.1245	0.0000	5.1245	0.3029	0.0000	12.6958
Water						0.0000	0.0000		0.0000	0.0000	1.0234	10.1254	11.1488	0.1057	2.6000e-003	14.5642
Total	0.2522	0.8536	2.0542	5.9100e-003	0.4217	9.4600e-003	0.4311	0.1131	9.0600e-003	0.1221	6.1479	668.0411	674.1890	0.4473	4.3800e-003	686.6765

	ROG	NOx	CO	SO2	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	1.06	2.22	3.09	3.75	4.20	2.77	4.17	4.19	2.58	4.09	45.46	3.07	3.75	40.46	0.00	4.70

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	1/30/2018	2/5/2018	5	5	

Acres of Grading (Site Preparation Phase): 0

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.63

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	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
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

3.2 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1772	0.8177	2.0235	5.6900e-003	0.4217	6.7300e-003	0.4284	0.1131	6.3300e-003	0.1194	0.0000	524.5023	524.5023	0.0329	0.0000	525.3248
Unmitigated	0.1799	0.8371	2.0889	5.9200e-003	0.4401	7.0000e-003	0.4471	0.1180	6.5700e-003	0.1246	0.0000	545.6310	545.6310	0.0340	0.0000	546.4812

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	46.90	58.41	48.62	66,493	63,700
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	523.22	612.33	309.22	1,093,048	1,047,140
Total	570.12	670.74	357.84	1,159,541	1,110,840

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Parking Lot	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925
Regional Shopping Center	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: Y

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
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	94.3111	94.3111	5.1500e-003	1.0600e-003	94.7571
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	94.3111	94.3111	5.1500e-003	1.0600e-003	94.7571
NaturalGas Mitigated	3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	39.1012	39.1012	7.5000e-004	7.2000e-004	39.3335
NaturalGas Unmitigated	3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	39.1012	39.1012	7.5000e-004	7.2000e-004	39.3335

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
High Turnover (Sit Down Restaurant)	707503	3.8100e-003	0.0347	0.0291	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.7550	37.7550	7.2000e-004	6.9000e-004	37.9794
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	25225.2	1.4000e-004	1.2400e-003	1.0400e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3461	1.3461	3.0000e-005	2.0000e-005	1.3541
Total		3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	39.1012	39.1012	7.5000e-004	7.1000e-004	39.3335

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					
High Turnover (Sit Down Restaurant)	707503	3.8100e-003	0.0347	0.0291	2.1000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	37.7550	37.7550	7.2000e-004	6.9000e-004	37.9794
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	25225.2	1.4000e-004	1.2400e-003	1.0400e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.3461	1.3461	3.0000e-005	2.0000e-005	1.3541
Total		3.9500e-003	0.0359	0.0302	2.2000e-004		2.7300e-003	2.7300e-003		2.7300e-003	2.7300e-003	0.0000	39.1012	39.1012	7.5000e-004	7.1000e-004	39.3335

8850 Sunset - Existing Uses to Be Demolished - 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			
High Turnover (Sit Down Restaurant)	145878	35.1650	1.9200e-003	4.0000e-004	35.3312
Parking Lot	24156	5.8230	3.2000e-004	7.0000e-005	5.8505
Regional Shopping Center	221206	53.3232	2.9100e-003	6.0000e-004	53.5753
Total		94.3111	5.1500e-003	1.0700e-003	94.7571

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	145878	35.1650	1.9200e-003	4.0000e-004	35.3312
Parking Lot	24156	5.8230	3.2000e-004	7.0000e-005	5.8505
Regional Shopping Center	221206	53.3232	2.9100e-003	6.0000e-004	53.5753
Total		94.3111	5.1500e-003	1.0700e-003	94.7571

6.0 Area Detail

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Unmitigated	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0628					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

8850 Sunset - Existing Uses to Be Demolished - 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	8.2100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0628					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003
Total	0.0710	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1000e-003	1.1000e-003	0.0000	0.0000	1.1700e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	11.1488	0.1057	2.6000e-003	14.5642
Unmitigated	11.1488	0.1057	2.6000e-003	14.5642

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	2.29512 / 0	7.9321	0.0752	1.8500e-003	10.3620
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.93075 / 0	3.2167	0.0305	7.5000e-004	4.2022
Total		11.1488	0.1057	2.6000e-003	14.5642

8850 Sunset - Existing Uses to Be Demolished - 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			
High Turnover (Sit Down Restaurant)	2.29512 / 0	7.9321	0.0752	1.8500e-003	10.3620
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.93075 / 0	3.2167	0.0305	7.5000e-004	4.2022
Total		11.1488	0.1057	2.6000e-003	14.5642

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.1245	0.3029	0.0000	12.6958
Unmitigated	10.2490	0.6057	0.0000	25.3915

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
High Turnover (Sit Down Restaurant)	35.94	7.2955	0.4312	0.0000	18.0743
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	14.55	2.9535	0.1746	0.0000	7.3172
Total		10.2490	0.6057	0.0000	25.3915

8850 Sunset - Existing Uses to Be Demolished - 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			
High Turnover (Sit Down Restaurant)	17.97	3.6478	0.2156	0.0000	9.0371
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	7.275	1.4768	0.0873	0.0000	3.6586
Total		5.1245	0.3029	0.0000	12.6958

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

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

8850 Sunset - Existing Uses to Be Demolished - Los Angeles-South Coast County, Annual

11.0 Vegetation

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	PM2.5 Reduction	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	PM2.5 Reduction	
No	Water Exposed Area	PM10 Reduction	PM2.5 Reduction	Frequency (per day)
No	Unpaved Road Mitigation	Moisture Content %	Vehicle Speed (mph)	
No	Clean Paved Road	% PM Reduction	0.00	

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	1.50	2.32	3.13	3.89	3.86	3.65	0.00	3.87	3.87	3.26	0.00	3.87
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Urban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
Yes	Land Use	Increase Density	0.00	0.00	32.00	
No	Land Use	Increase Diversity	0.15	0.41		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
No	Land Use	Integrate Below Market Rate Housing	0.00	0.00		
	Land Use	Land Use SubTotal	0.04			

No	Neighborhood Enhancements	Improve Pedestrian Network	0.00		
No	Neighborhood Enhancements	Provide Traffic Calming Measures	0.00		
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00	0.00	
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00	
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00	
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00	0.00	
No	Transit Improvements	Expand Transit Network	0.00	0.00	
No	Transit Improvements	Increase Transit Frequency	0.00		0.00
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.04		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	7.70		
No	Commute	Workplace Parking Charge		0.00	
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	15.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.04		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	50.00
--	-------

8850 Sunset Blvd, West Hollywood
Project Construction Energy Demand

Construction Worker Gasoline Demand

Phase	Trips	Vehicle CO ₂ (MT)	Kg CO ₂ /Gallon	Gallons
Demolition	400	1.91	8.78	217.35
Grading/Excavation	1,300	6.06	8.78	689.87
Building Construction	42,900	195.00	8.78	22,209.36
Paving/Finishing	8,320	37.71	8.78	4,294.62
Tenant Improvements	7,680	34.03	8.78	3,875.60
Commissioning	1,280	5.48	8.78	624.15
Total				31,910.96

Construction Haul Diesel Demand

Phase	Trips	Vehicle CO ₂ (MT)	Kg CO ₂ /Gallon	Gallons
Demolition	156	5.88	10.21	575.44
Grading/Excavation	12,000	439.92	10.21	43,087.32
Building Construction	0	0.00	10.21	0.00
Paving/Finishing	0	0.00	10.21	0.00
Tenant Improvements	0	0.00	10.21	0.00
Commissioning	0	0.00	10.21	0.00
Total				43,662.75

Construction Vendor Diesel Demand

Phase	Trips	Vehicle CO ₂ (MT)	Kg CO ₂ /Gallon	Gallons
Demolition	80	0.98	10.21	95.72
Grading/Excavation	260	3.11	10.21	304.89
Building Construction	11,000	129.99	10.21	12,731.69
Paving/Finishing	520	6.14	10.21	601.65
Tenant Improvements	480	5.65	10.21	553.74
Commissioning	80	0.94	10.21	91.85
Total				14,379.54

Construction Equipment Diesel Demand

Phase	Pieces of Equipment	Equipment CO ₂ (MT)	Kg CO ₂ /Gallon	Gallons
Demolition		42.53	10.21	4,165.34
Grading/Excavation		255.64	10.21	25,038.30
Building Construction		401.47	10.21	39,321.16
Paving/Finishing		105.77	10.21	10,359.15
Tenant Improvements		0.00	10.21	0.00
Commissioning		0.00	10.21	0.00
Total				78,883.94

8850 Sunset Blvd, West Hollywood
Project Operational Energy Demand

Mobile Source Gasoline Demand

Scenario	Vehicle MT CO ₂	Kg CO ₂ /Gallon	Gallons
Project	1,416.16	8.78	161,293.78
Existing	486.65	8.78	55,426.59
Net Increase			105,867.19

Mobile Source Diesel Demand

Scenario	Vehicle MT CO ₂	Kg CO ₂ /Gallon	Gallons
Project	114.57	10.21	11,221.69
Existing	37.86	10.21	3,707.87
Net Increase			7,513.82

Electricity Demand

Project Facility	kWh/Year
<i>Proposed Project</i>	
Buildings	2,443,206.92
Digital Billboards	500,000.00
Water/Wastewater	560,274.93
Total	3,503,481.85
<i>Existing</i>	
Buildings	391,240.00
Digital Billboards	102,000.00
Water/Wastewater	42,004.05
Total	535,244.05
Net Increase in Electricity Demand	2,968,237.79

Natural Gas Demand

Scenario	kBTu/Year
Project Buildings	8,484,522.62
Existing Buildings	732,728.20
Net Increase in Natural Gas Demand	7,751,794.42

**8850 Sunset Blvd, West Hollywood
Operational Electricity - Project**

Total Electricity - Project	kWh/yr
Buildings	2,443,206.92
Digital Billboards	500,000.00
Water/Wastewater	560,274.93
Total	3,503,481.85

Electricity Intensity Factors - Water/Wastewater

Process	Units	
Supply	kwh/MG	9,727
Treat	kwh/MG	111
Distribute	kwh/MG	1,272
Wastewater Treatment	kwh/MG	1,911
Total	kwh/MG	13,021

* Electricity intensity factors from CalEEMod Appendix D for Los Angeles County

Electricity Demand - Water/Wastewater

	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	9,727	9,727	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	kwh/MG	13,021	11,110	N/A
Water Consumption - Project				
Project Water	MG/yr	42.75	0.32	43.08
Total	MG/yr	42.8	0.3	43.1
Electricity Usage - Project	kwh/yr	556,670	3,605	560,275

8850 Sunset Blvd, West Hollywood
Operational Electricity - Existing

Total Electricity - Existing	kWh/yr
Buildings	391,240.00
Digital Billboards	102,000.00
Water/Wastewater	42,004.05
Total	535,244.05

Electricity Intensity Factors - Water/Wastewater

Process	Units	
Supply	kwh/MG	9,727
Treat	kwh/MG	111
Distribute	kwh/MG	1,272
Wastewater Treatment	kwh/MG	1,911
Total	kwh/MG	13,021

* Electricity intensity factors from CalEEMod Appendix D for Los Angeles County

Electricity Demand - Water/Wastewater

	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	9,727	9,727	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	kwh/MG	13,021	11,110	N/A
Water Consumption - Project				
Project Water	MG/yr	3.23	0.00	3.23
Total	MG/yr	3.2	0.0	3.2
Electricity Usage - Project	kwh/yr	42,004	0	42,004

**8850 Sunset Boulevard, City of West Hollywood
Electricity GHG Emissions Calculator**

Equation:

Electricity Emissions = \sum_i (Utility x Energy Intensity x Size)

Where:

Utility	Carbon intensity of Local Utility (CO2E/kWh)
Energy Intensity	electricity energy intensity for a land use (kWh/sq.ft. or kWh/DU)
Size	size metric (square feet or dwelling units)
i	land use type

Assumptions

PG&E Electricity GHG Intensity Factors

GHG	Units	Intensity
CO ₂	lb/MWh	566.20
CH ₄	lb/MWh	0.0290
N ₂ O	lb/MWh	0.0062

1. CO2 Intensity Factor adjusted based on compliance with 36% renewables as listed in the SCE Power Content Label for 2018

Emissions Calculations:

Digital Billboard						
Electricity Consumption	Annual Electricity Demand (kWh) ¹	Annual Electricity Demand (MWh) ²	Electricity Emissions (Metric Tons/Year)			
			CO ₂	CH ₄	N ₂ O	CO ₂ e
Proposed Project - Billboards	500,000.00	500.00	128.41	0.01	0.00	128.99
Existing - Billboards	102,000.00	102.00	26.20	0.00	0.00	26.31
Net Increase		398.00	102.22	0.01	0.00	102.68

1. Electricity consumption provided by the applicant

2. Conversion: 1 MWh = 1,000 kWh

