

Table 1: Summary of Maximum Daily Construction Emissions

Year	Emissions (pounds per day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	4.10	46.98	19.85	0.05	4.76	3.20
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Table 2: Summary of Maximum Daily Localized Emissions

On-Site Site Grading Emissions	Emissions (pounds per day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Maximum Daily Emissions	23.88	8.98	3.68	2.35
SCAQMD Localized Threshold*	46	231	4	3
Threshold Exceeded?	NO	NO	NO	NO

*Localized Significance Thresholds (LSTs) based on SCAQMD's Summary of a One-Acre Site at 25 meters, which is the most stringent approach for LSTs; Source Receptor Area 12 (SRA 12): South Central Los Angeles County;

Table 3: Summary of Peak Operational Emissions

Operational Activities – Summer Scenario	Emissions (pounds per day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Total Maximum Daily Emissions	0.01	0.04	0.13	0.00	0.03	0.01
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Operational Activities – Winter Scenario	Emissions (pounds per day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Total Maximum Daily Emissions	0.01	0.04	0.12	0.00	0.03	0.01
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Table 4: Total Project Greenhouse Gas Emissions (Annual)

Emission Source	Emissions (metric tons per year)			
	CO ₂	CH ₄	N ₂ O	Total CO ₂ E
Annual construction-related emissions amortized over 30 years	0.38	1.12E-04	--	0.39
Area	0.00	0.00	0.00	3.00E-05
Energy	18.24	1.03E-03	2.10E-04	18.33
Mobile Sources	4.05	2.50E-04	0.00	4.05
Total CO₂E (All Sources)	22.77			
SCAQMD Threshold	3,000			
Significant?	NO			

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	1.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	515.47	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - CPUC GHG Calculator version 3c, worksheet tab "CO2 Allocations," cells AH/AQ 35-44.

Land Use - Unit: digital billboard

Construction Phase - Based on information provided by the client

Off-road Equipment - Based on information provided by the client; Off-Highway Trucks: Cement Trucks

Off-road Equipment - Based on information provided by the client; Off-Highway Trucks: Cement Trucks

Off-road Equipment - Based on SCAQMD's Summary of a one-acre site

Trips and VMT - Soil will be hauled to a soil disposal facility located at 321 W. San Francisco St. Carson, CA 90745; As a conservative measure, the Project will require one vendor truck delivery (two-way) per day; Assumes 1.25 construction workers per equipment

Grading - 589.06 cubic feet of soil=21.82 cubic yards

Vehicle Trips - As a conservative measure, the Project will require one trip (two-way) per workday

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Based on information provided by the client; 6,500 kWh generated per month

Construction Off-road Equipment Mitigation -

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	PhaseEndDate	6/14/2017	6/7/2017
tblConstructionPhase	PhaseStartDate	6/8/2017	6/1/2017
tblEnergyUse	T24E	0.00	78,000.00
tblGrading	MaterialExported	0.00	21.82
tblLandUse	BuildingSpaceSquareFeet	0.00	1.00
tblLandUse	LandUseSquareFeet	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	515.47
tblProjectCharacteristics	OperationalYear	2018	2017
tblTripsAndVMT	HaulingTripLength	20.00	2.70
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	WD_TR	0.00	2.00

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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					
2017	4.0855	46.9722	19.8497	0.0497	6.7683	1.9898	8.7581	3.4250	1.8307	5.2557	0.0000	5,079.0649	5,079.0649	1.4789	0.0000	5,116.0373
Maximum	4.0855	46.9722	19.8497	0.0497	6.7683	1.9898	8.7581	3.4250	1.8307	5.2557	0.0000	5,079.0649	5,079.0649	1.4789	0.0000	5,116.0373

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	lb/day										lb/day					
2017	4.0855	46.9722	19.8497	0.0497	2.7710	1.9898	4.7609	1.3708	1.8307	3.2015	0.0000	5,079.0649	5,079.0649	1.4789	0.0000	5,116.0373
Maximum	4.0855	46.9722	19.8497	0.0497	2.7710	1.9898	4.7609	1.3708	1.8307	3.2015	0.0000	5,079.0649	5,079.0649	1.4789	0.0000	5,116.0373

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	59.06	0.00	45.64	59.98	0.00	39.09	0.00	0.00	0.00	0.00	0.00	0.00

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2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.7200e-003	0.0373	0.1296	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5746	35.5746	2.1900e-003		35.6294
Total	7.7500e-003	0.0373	0.1297	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5749	35.5749	2.1900e-003	0.0000	35.6296

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	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.7200e-003	0.0373	0.1296	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5746	35.5746	2.1900e-003		35.6294
Total	7.7500e-003	0.0373	0.1297	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5749	35.5749	2.1900e-003	0.0000	35.6296

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	6/1/2017	6/7/2017	5	5	
2	Building Construction	Building Construction	6/1/2017	6/7/2017	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2.5

Acres of Paving: 0

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

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Off-Highway Trucks	1	8.00	402	0.38
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	3	10.00	0.00	3.00	14.70	6.90	2.70	LD_Mix	HDT_Mix	HHDT
Building Construction	3	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

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3.2 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5528	0.0000	6.5528	3.3676	0.0000	3.3676			0.0000			0.0000
Off-Road	2.0836	23.8814	8.9800	0.0183		1.1269	1.1269		1.0367	1.0367		1,873.4835	1,873.4835	0.5740		1,887.8343
Total	2.0836	23.8814	8.9800	0.0183	6.5528	1.1269	7.6797	3.3676	1.0367	4.4043		1,873.4835	1,873.4835	0.5740		1,887.8343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.0829	0.0135	1.2000e-004	1.4300e-003	2.0000e-004	1.6300e-003	3.9000e-004	1.9000e-004	5.9000e-004		13.0460	13.0460	1.5400e-003		13.0846
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
Total	0.0646	0.1309	0.6291	1.4200e-003	0.1132	1.2400e-003	0.1145	0.0300	1.1500e-003	0.0312		141.9378	141.9378	6.8900e-003		142.1101

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3.2 Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5556	0.0000	2.5556	1.3134	0.0000	1.3134			0.0000			0.0000
Off-Road	2.0836	23.8814	8.9800	0.0183		1.1269	1.1269		1.0367	1.0367	0.0000	1,873.4835	1,873.4835	0.5740		1,887.8343
Total	2.0836	23.8814	8.9800	0.0183	2.5556	1.1269	3.6825	1.3134	1.0367	2.3501	0.0000	1,873.4835	1,873.4835	0.5740		1,887.8343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0900e-003	0.0829	0.0135	1.2000e-004	1.4300e-003	2.0000e-004	1.6300e-003	3.9000e-004	1.9000e-004	5.9000e-004		13.0460	13.0460	1.5400e-003		13.0846
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
Total	0.0646	0.1309	0.6291	1.4200e-003	0.1132	1.2400e-003	0.1145	0.0300	1.1500e-003	0.0312		141.9378	141.9378	6.8900e-003		142.1101

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3.3 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900		2,904.0116	2,904.0116	0.8898		2,926.2562
Total	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900		2,904.0116	2,904.0116	0.8898		2,926.2562

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0104	0.2608	0.0742	5.3000e-004	0.0128	2.1800e-003	0.0150	3.6900e-003	2.0900e-003	5.7800e-003		56.5186	56.5186	3.9100e-003		56.6163
Worker	0.0500	0.0384	0.4925	1.0400e-003	0.0894	8.3000e-004	0.0903	0.0237	7.7000e-004	0.0245		103.1134	103.1134	4.2800e-003		103.2204
Total	0.0605	0.2991	0.5667	1.5700e-003	0.1022	3.0100e-003	0.1052	0.0274	2.8600e-003	0.0303		159.6320	159.6320	8.1900e-003		159.8367

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3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900	0.0000	2,904.0116	2,904.0116	0.8898		2,926.2562
Total	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900	0.0000	2,904.0116	2,904.0116	0.8898		2,926.2562

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0104	0.2608	0.0742	5.3000e-004	0.0128	2.1800e-003	0.0150	3.6900e-003	2.0900e-003	5.7800e-003		56.5186	56.5186	3.9100e-003		56.6163
Worker	0.0500	0.0384	0.4925	1.0400e-003	0.0894	8.3000e-004	0.0903	0.0237	7.7000e-004	0.0245		103.1134	103.1134	4.2800e-003		103.2204
Total	0.0605	0.2991	0.5667	1.5700e-003	0.1022	3.0100e-003	0.1052	0.0274	2.8600e-003	0.0303		159.6320	159.6320	8.1900e-003		159.8367

4.0 Operational Detail - Mobile

Carson Digital Billboard - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.7200e-003	0.0373	0.1296	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5746	35.5746	2.1900e-003		35.6294
Unmitigated	7.7200e-003	0.0373	0.1296	3.5000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3100e-003		35.5746	35.5746	2.1900e-003		35.6294

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	2.00	0.00	0.00	8,632	8,632
Total	2.00	0.00	0.00	8,632	8,632

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
User Defined Commercial	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

Carson Digital Billboard - 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	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0000e-005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

Carson Digital Billboard - 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0000e-005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Carson Digital Billboard - Los Angeles-South Coast County, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Carson Digital Billboard - Los Angeles-South Coast County, Winter

Carson Digital Billboard
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	1.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	515.47	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Carson Digital Billboard - Los Angeles-South Coast County, Winter

Project Characteristics - CPUC GHG Calculator version 3c, worksheet tab "CO2 Allocations," cells AH/AQ 35-44.

Land Use - Unit: digital billboard

Construction Phase - Based on information provided by the client

Off-road Equipment - Based on information provided by the client; Off-Highway Trucks: Cement Trucks

Off-road Equipment - Based on information provided by the client; Off-Highway Trucks: Cement Trucks

Off-road Equipment - Based on SCAQMD's Summary of a one-acre site

Trips and VMT - Soil will be hauled to a soil disposal facility located at 321 W. San Francisco St. Carson, CA 90745; As a conservative measure, the Project will require one vendor truck delivery (two-way) per day; Assumes 1.25 construction workers per equipment

Grading - 589.06 cubic feet of soil=21.82 cubic yards

Vehicle Trips - As a conservative measure, the Project will require one trip (two-way) per workday

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Based on information provided by the client; 6,500 kWh generated per month

Construction Off-road Equipment Mitigation -

Carson Digital Billboard - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	PhaseEndDate	6/14/2017	6/7/2017
tblConstructionPhase	PhaseStartDate	6/8/2017	6/1/2017
tblEnergyUse	T24E	0.00	78,000.00
tblGrading	MaterialExported	0.00	21.82
tblLandUse	BuildingSpaceSquareFeet	0.00	1.00
tblLandUse	LandUseSquareFeet	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	515.47
tblProjectCharacteristics	OperationalYear	2018	2017
tblTripsAndVMT	HaulingTripLength	20.00	2.70
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	WD_TR	0.00	2.00

Carson Digital Billboard - Los Angeles-South Coast County, Winter

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	4.0980	46.9806	19.7777	0.0495	6.7683	1.9899	8.7581	3.4250	1.8308	5.2558	0.0000	5,063.2347	5,063.2347	1.4788	0.0000	5,100.2048
Maximum	4.0980	46.9806	19.7777	0.0495	6.7683	1.9899	8.7581	3.4250	1.8308	5.2558	0.0000	5,063.2347	5,063.2347	1.4788	0.0000	5,100.2048

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	lb/day										lb/day					
2017	4.0980	46.9806	19.7777	0.0495	2.7710	1.9899	4.7609	1.3708	1.8308	3.2016	0.0000	5,063.2347	5,063.2347	1.4788	0.0000	5,100.2048
Maximum	4.0980	46.9806	19.7777	0.0495	2.7710	1.9899	4.7609	1.3708	1.8308	3.2016	0.0000	5,063.2347	5,063.2347	1.4788	0.0000	5,100.2048

Carson Digital Billboard - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	59.06	0.00	45.64	59.98	0.00	39.08	0.00	0.00	0.00	0.00	0.00	0.00

Carson Digital Billboard - 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	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.5800e-003	0.0389	0.1215	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8543	33.8543	2.1500e-003		33.9081
Total	7.6100e-003	0.0389	0.1216	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8546	33.8546	2.1500e-003	0.0000	33.9084

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	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.5800e-003	0.0389	0.1215	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8543	33.8543	2.1500e-003		33.9081
Total	7.6100e-003	0.0389	0.1216	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8546	33.8546	2.1500e-003	0.0000	33.9084

Carson Digital Billboard - Los Angeles-South Coast County, Winter

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	6/1/2017	6/7/2017	5	5	
2	Building Construction	Building Construction	6/1/2017	6/7/2017	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 2.5

Acres of Paving: 0

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

OffRoad Equipment

Carson Digital Billboard - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Off-Highway Trucks	1	8.00	402	0.38
Building Construction	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	3	10.00	0.00	3.00	14.70	6.90	2.70	LD_Mix	HDT_Mix	HHDT
Building Construction	3	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Carson Digital Billboard - Los Angeles-South Coast County, Winter

3.2 Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5528	0.0000	6.5528	3.3676	0.0000	3.3676			0.0000			0.0000
Off-Road	2.0836	23.8814	8.9800	0.0183		1.1269	1.1269		1.0367	1.0367		1,873.4835	1,873.4835	0.5740		1,887.8343
Total	2.0836	23.8814	8.9800	0.0183	6.5528	1.1269	7.6797	3.3676	1.0367	4.4043		1,873.4835	1,873.4835	0.5740		1,887.8343

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.2500e-003	0.0810	0.0166	1.1000e-004	1.4300e-003	2.2000e-004	1.6500e-003	3.9000e-004	2.1000e-004	6.0000e-004		12.1876	12.1876	1.6900e-003		12.2299
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
Total	0.0714	0.1342	0.5866	1.3300e-003	0.1132	1.2600e-003	0.1145	0.0300	1.1700e-003	0.0312		133.5789	133.5789	6.7600e-003		133.7480

Carson Digital Billboard - Los Angeles-South Coast County, Winter

3.2 Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5556	0.0000	2.5556	1.3134	0.0000	1.3134			0.0000			0.0000
Off-Road	2.0836	23.8814	8.9800	0.0183		1.1269	1.1269		1.0367	1.0367	0.0000	1,873.4835	1,873.4835	0.5740		1,887.8343
Total	2.0836	23.8814	8.9800	0.0183	2.5556	1.1269	3.6825	1.3134	1.0367	2.3501	0.0000	1,873.4835	1,873.4835	0.5740		1,887.8343

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.2500e-003	0.0810	0.0166	1.1000e-004	1.4300e-003	2.2000e-004	1.6500e-003	3.9000e-004	2.1000e-004	6.0000e-004		12.1876	12.1876	1.6900e-003		12.2299
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
Total	0.0714	0.1342	0.5866	1.3300e-003	0.1132	1.2600e-003	0.1145	0.0300	1.1700e-003	0.0312		133.5789	133.5789	6.7600e-003		133.7480

Carson Digital Billboard - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900		2,904.0116	2,904.0116	0.8898		2,926.2562
Total	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900		2,904.0116	2,904.0116	0.8898		2,926.2562

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0109	0.2617	0.0813	5.2000e-004	0.0128	2.2200e-003	0.0150	3.6900e-003	2.1200e-003	5.8100e-003		55.0477	55.0477	4.1700e-003		55.1518
Worker	0.0553	0.0425	0.4559	9.8000e-004	0.0894	8.3000e-004	0.0903	0.0237	7.7000e-004	0.0245		97.1130	97.1130	4.0600e-003		97.2145
Total	0.0662	0.3042	0.5373	1.5000e-003	0.1022	3.0500e-003	0.1053	0.0274	2.8900e-003	0.0303		152.1607	152.1607	8.2300e-003		152.3663

Carson Digital Billboard - Los Angeles-South Coast County, Winter

3.3 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900	0.0000	2,904.0116	2,904.0116	0.8898		2,926.2562
Total	1.8768	22.6608	9.6740	0.0284		0.8587	0.8587		0.7900	0.7900	0.0000	2,904.0116	2,904.0116	0.8898		2,926.2562

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0109	0.2617	0.0813	5.2000e-004	0.0128	2.2200e-003	0.0150	3.6900e-003	2.1200e-003	5.8100e-003		55.0477	55.0477	4.1700e-003		55.1518
Worker	0.0553	0.0425	0.4559	9.8000e-004	0.0894	8.3000e-004	0.0903	0.0237	7.7000e-004	0.0245		97.1130	97.1130	4.0600e-003		97.2145
Total	0.0662	0.3042	0.5373	1.5000e-003	0.1022	3.0500e-003	0.1053	0.0274	2.8900e-003	0.0303		152.1607	152.1607	8.2300e-003		152.3663

4.0 Operational Detail - Mobile

Carson Digital Billboard - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.5800e-003	0.0389	0.1215	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8543	33.8543	2.1500e-003		33.9081
Unmitigated	7.5800e-003	0.0389	0.1215	3.3000e-004	0.0257	4.6000e-004	0.0262	6.8800e-003	4.3000e-004	7.3200e-003		33.8543	33.8543	2.1500e-003		33.9081

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	2.00	0.00	0.00	8,632	8,632
Total	2.00	0.00	0.00	8,632	8,632

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
User Defined Commercial	16.60	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

Carson Digital Billboard - Los Angeles-South Coast County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

Carson Digital Billboard - 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					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0000e-005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.0000e-005					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	3.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Carson Digital Billboard - Los Angeles-South Coast County, Winter

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

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

Equipment Type	Number
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11.0 Vegetation
