

ATTACHMENT 4

Air Quality Modeling Worksheets

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Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Summer

Dream Hotel - Current Project Operational Emissions Only
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	182.00	Room	0.37	87,772.00	0
Quality Restaurant	5.23	1000sqft	0.00	5,229.00	0
Regional Shopping Center	0.80	1000sqft	0.00	802.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per Proposed Conditions of Approval

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2019 Technical Traffic Letter and incorporates trip reductions.

Water Mitigation -

Waste Mitigation -

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblLandUse	LandUseSquareFeet	264,264.00	87,772.00
tblLandUse	LandUseSquareFeet	5,230.00	5,229.00
tblLandUse	LandUseSquareFeet	800.00	802.00
tblLandUse	LotAcreage	6.07	0.37
tblLandUse	LotAcreage	0.12	0.00
tblLandUse	LotAcreage	0.02	0.00
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	50.55
tblVehicleTrips	ST_TR	49.97	24.69
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	38.66
tblVehicleTrips	SU_TR	25.24	12.53
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	48.19
tblVehicleTrips	WD_TR	42.70	21.20

2.0 Emissions Summary

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Energy	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
Mobile	3.4105	15.7267	38.1548	0.1169	8.6297	0.1306	8.7602	2.3093	0.1228	2.4321		11,868.1860	11,868.1860	0.6560		11,884.5846
Total	5.6058	16.6167	38.9217	0.1222	8.6297	0.1982	8.8279	2.3093	0.1905	2.4998		12,935.9892	12,935.9892	0.6765	0.0196	12,958.7358

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Energy	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
Mobile	3.4105	15.7267	38.1548	0.1169	8.6297	0.1306	8.7602	2.3093	0.1228	2.4321		11,868.1860	11,868.1860	0.6560		11,884.5846
Total	5.6058	16.6167	38.9217	0.1222	8.6297	0.1982	8.8279	2.3093	0.1905	2.4998		12,935.9892	12,935.9892	0.6765	0.0196	12,958.7358

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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	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 140,705; Non-Residential Outdoor: 46,902; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Building Construction	Cranes	1	4.00	231	0.29
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	39.00	15.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

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3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0578	1.7164	0.4149	3.8900e-003	0.0960	0.0114	0.1074	0.0276	0.0109	0.0385		414.3296	414.3296	0.0274		415.0149
Worker	0.1910	0.1329	1.7524	4.6300e-003	0.4359	3.3900e-003	0.4393	0.1156	3.1300e-003	0.1187		460.5857	460.5857	0.0144		460.9458
Total	0.2488	1.8493	2.1673	8.5200e-003	0.5319	0.0148	0.5467	0.1433	0.0140	0.1573		874.9153	874.9153	0.0418		875.9608

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0578	1.7164	0.4149	3.8900e-003	0.0960	0.0114	0.1074	0.0276	0.0109	0.0385		414.3296	414.3296	0.0274		415.0149
Worker	0.1910	0.1329	1.7524	4.6300e-003	0.4359	3.3900e-003	0.4393	0.1156	3.1300e-003	0.1187		460.5857	460.5857	0.0144		460.9458
Total	0.2488	1.8493	2.1673	8.5200e-003	0.5319	0.0148	0.5467	0.1433	0.0140	0.1573		874.9153	874.9153	0.0418		875.9608

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	86.9558					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	87.2223	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530
Total	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	86.9558					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	87.2223	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

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3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530
Total	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	3.4105	15.7267	38.1548	0.1169	8.6297	0.1306	8.7602	2.3093	0.1228	2.4321		11,868.18 60	11,868.18 60	0.6560		11,884.58 46
Unmitigated	3.4105	15.7267	38.1548	0.1169	8.6297	0.1306	8.7602	2.3093	0.1228	2.4321		11,868.18 60	11,868.18 60	0.6560		11,884.58 46

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,521.52	1,525.16	1108.38	3,491,016	3,491,016
Quality Restaurant	252.03	264.38	202.19	351,177	351,177
Regional Shopping Center	16.96	19.75	10.02	35,401	35,401
Total	1,790.51	1,809.29	1,320.60	3,877,594	3,877,594

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
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
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Regional Shopping Center	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

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	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
NaturalGas Unmitigated	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

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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					
Hotel	5766.5	0.0622	0.5653	0.4749	3.3900e-003		0.0430	0.0430		0.0430	0.0430		678.4118	678.4118	0.0130	0.0124	682.4433
Quality Restaurant	3305.87	0.0357	0.3241	0.2723	1.9400e-003		0.0246	0.0246		0.0246	0.0246		388.9264	388.9264	7.4500e-003	7.1300e-003	391.2376
Regional Shopping Center	3.60351	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.4239	0.4239	1.0000e-005	1.0000e-005	0.4265
Total		0.0979	0.8898	0.7474	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

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					
Hotel	5.7665	0.0622	0.5653	0.4749	3.3900e-003		0.0430	0.0430		0.0430	0.0430		678.4118	678.4118	0.0130	0.0124	682.4433
Quality Restaurant	3.30587	0.0357	0.3241	0.2723	1.9400e-003		0.0246	0.0246		0.0246	0.0246		388.9264	388.9264	7.4500e-003	7.1300e-003	391.2376
Regional Shopping Center	0.00360351	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.4239	0.4239	1.0000e-005	1.0000e-005	0.4265
Total		0.0979	0.8898	0.7474	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

6.0 Area Detail

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Unmitigated	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

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	0.2382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8400e-003	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Total	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	0.2382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8400e-003	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Total	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

Dream Hotel - Current Project Operational Emissions Only
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	182.00	Room	0.37	87,772.00	0
Quality Restaurant	5.23	1000sqft	0.00	5,229.00	0
Regional Shopping Center	0.80	1000sqft	0.00	802.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per Proposed Conditions of Approval

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2019 Technical Traffic Letter and incorporates trip reductions.

Water Mitigation -

Waste Mitigation -

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblLandUse	LandUseSquareFeet	264,264.00	87,772.00
tblLandUse	LandUseSquareFeet	5,230.00	5,229.00
tblLandUse	LandUseSquareFeet	800.00	802.00
tblLandUse	LotAcreage	6.07	0.37
tblLandUse	LotAcreage	0.12	0.00
tblLandUse	LotAcreage	0.02	0.00
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	50.55
tblVehicleTrips	ST_TR	49.97	24.69
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	38.66
tblVehicleTrips	SU_TR	25.24	12.53
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	48.19
tblVehicleTrips	WD_TR	42.70	21.20

2.0 Emissions Summary

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Energy	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
Mobile	3.2494	15.9934	36.4937	0.1104	8.6297	0.1319	8.7616	2.3093	0.1241	2.4334		11,220.1850	11,220.1850	0.6606		11,236.6994
Total	5.4446	16.8834	37.2605	0.1158	8.6297	0.1996	8.8292	2.3093	0.1918	2.5011		12,287.9882	12,287.9882	0.6812	0.0196	12,310.8506

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Energy	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
Mobile	3.2494	15.9934	36.4937	0.1104	8.6297	0.1319	8.7616	2.3093	0.1241	2.4334		11,220.1850	11,220.1850	0.6606		11,236.6994
Total	5.4446	16.8834	37.2605	0.1158	8.6297	0.1996	8.8292	2.3093	0.1918	2.5011		12,287.9882	12,287.9882	0.6812	0.0196	12,310.8506

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 140,705; Non-Residential Outdoor: 46,902; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Building Construction	Cranes	1	4.00	231	0.29
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	39.00	15.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0604	1.7176	0.4621	3.7800e-003	0.0960	0.0116	0.1076	0.0276	0.0111	0.0387		402.4744	402.4744	0.0295		403.2109
Worker	0.2080	0.1456	1.5810	4.3300e-003	0.4359	3.3900e-003	0.4393	0.1156	3.1300e-003	0.1187		430.8157	430.8157	0.0135		431.1522
Total	0.2684	1.8632	2.0431	8.1100e-003	0.5319	0.0149	0.5469	0.1433	0.0142	0.1574		833.2901	833.2901	0.0429		834.3631

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0604	1.7176	0.4621	3.7800e-003	0.0960	0.0116	0.1076	0.0276	0.0111	0.0387		402.4744	402.4744	0.0295		403.2109
Worker	0.2080	0.1456	1.5810	4.3300e-003	0.4359	3.3900e-003	0.4393	0.1156	3.1300e-003	0.1187		430.8157	430.8157	0.0135		431.1522
Total	0.2684	1.8632	2.0431	8.1100e-003	0.5319	0.0149	0.5469	0.1433	0.0142	0.1574		833.2901	833.2901	0.0429		834.3631

3.3 IGNORE Architectural Coating - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	86.9558					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	87.2223	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415
Total	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	86.9558					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	87.2223	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415
Total	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	3.2494	15.9934	36.4937	0.1104	8.6297	0.1319	8.7616	2.3093	0.1241	2.4334		11,220.1850	11,220.1850	0.6606		11,236.6994
Unmitigated	3.2494	15.9934	36.4937	0.1104	8.6297	0.1319	8.7616	2.3093	0.1241	2.4334		11,220.1850	11,220.1850	0.6606		11,236.6994

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,521.52	1,525.16	1108.38	3,491,016	3,491,016
Quality Restaurant	252.03	264.38	202.19	351,177	351,177
Regional Shopping Center	16.96	19.75	10.02	35,401	35,401
Total	1,790.51	1,809.29	1,320.60	3,877,594	3,877,594

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
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
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Regional Shopping Center	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

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	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073
NaturalGas Unmitigated	0.0979	0.8898	0.7474	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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					
Hotel	5766.5	0.0622	0.5653	0.4749	3.3900e-003		0.0430	0.0430		0.0430	0.0430		678.4118	678.4118	0.0130	0.0124	682.4433
Quality Restaurant	3305.87	0.0357	0.3241	0.2723	1.9400e-003		0.0246	0.0246		0.0246	0.0246		388.9264	388.9264	7.4500e-003	7.1300e-003	391.2376
Regional Shopping Center	3.60351	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.4239	0.4239	1.0000e-005	1.0000e-005	0.4265
Total		0.0979	0.8898	0.7474	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

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					
Hotel	5.7665	0.0622	0.5653	0.4749	3.3900e-003		0.0430	0.0430		0.0430	0.0430		678.4118	678.4118	0.0130	0.0124	682.4433
Quality Restaurant	3.30587	0.0357	0.3241	0.2723	1.9400e-003		0.0246	0.0246		0.0246	0.0246		388.9264	388.9264	7.4500e-003	7.1300e-003	391.2376
Regional Shopping Center	0.00360351	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.4239	0.4239	1.0000e-005	1.0000e-005	0.4265
Total		0.0979	0.8898	0.7474	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,067.7621	1,067.7621	0.0205	0.0196	1,074.1073

6.0 Area Detail

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Unmitigated	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

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	0.2382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8400e-003	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Total	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, 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	0.2382					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8573					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8400e-003	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439
Total	2.0974	1.8000e-004	0.0194	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0412	0.0412	1.1000e-004		0.0439

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Current Project Operational Emissions Only - South Coast AQMD Air District, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

Dream Hotel - Modified Project Operational Emissions Only
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	182.00	Room	0.37	74,795.00	0
Quality Restaurant	4.58	1000sqft	0.00	4,581.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per 2019 Traffic Letter. Combined bar, lounge, and restaurant space together.

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2019 Traffic Letter and incorporates trip reductions.

Water Mitigation -

Waste Mitigation -

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblLandUse	LandUseSquareFeet	264,264.00	74,795.00
tblLandUse	LotAcreage	6.07	0.37
tblLandUse	LotAcreage	0.11	0.00
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	50.59
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	38.70
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	48.24

2.0 Emissions Summary

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Energy	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
Mobile	3.3197	15.3284	37.2600	0.1142	8.4401	0.1276	8.5677	2.2586	0.1201	2.3786		11,600.6308	11,600.6308	0.6404		11,616.6404
Total	5.1790	16.0943	37.9225	0.1188	8.4401	0.1859	8.6259	2.2586	0.1783	2.4369		12,519.5098	12,519.5098	0.6581	0.0169	12,540.9825

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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Energy	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
Mobile	3.3197	15.3284	37.2600	0.1142	8.4401	0.1276	8.5677	2.2586	0.1201	2.3786		11,600.6308	11,600.6308	0.6404		11,616.6404
Total	5.1790	16.0943	37.9225	0.1188	8.4401	0.1859	8.6259	2.2586	0.1783	2.4369		12,519.5098	12,519.5098	0.6581	0.0169	12,540.9825

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 119,064; Non-Residential Outdoor: 39,688; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Building Construction	Cranes	1	4.00	231	0.29
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	33.00	13.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	1.4875	0.3596	3.3700e-003	0.0832	9.8500e-003	0.0931	0.0240	9.4300e-003	0.0334		359.0856	359.0856	0.0238		359.6796
Worker	0.1616	0.1125	1.4828	3.9100e-003	0.3689	2.8700e-003	0.3717	0.0978	2.6400e-003	0.1005		389.7264	389.7264	0.0122		390.0311
Total	0.2117	1.6000	1.8424	7.2800e-003	0.4521	0.0127	0.4648	0.1218	0.0121	0.1339		748.8120	748.8120	0.0360		749.7107

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.2 IGNORE Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0501	1.4875	0.3596	3.3700e-003	0.0832	9.8500e-003	0.0931	0.0240	9.4300e-003	0.0334		359.0856	359.0856	0.0238		359.6796
Worker	0.1616	0.1125	1.4828	3.9100e-003	0.3689	2.8700e-003	0.3717	0.0978	2.6400e-003	0.1005		389.7264	389.7264	0.0122		390.0311
Total	0.2117	1.6000	1.8424	7.2800e-003	0.4521	0.0127	0.4648	0.1218	0.0121	0.1339		748.8120	748.8120	0.0360		749.7107

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.5816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	73.8480	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0239	0.3145	8.3000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		82.6692	82.6692	2.5900e-003		82.7339
Total	0.0343	0.0239	0.3145	8.3000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		82.6692	82.6692	2.5900e-003		82.7339

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	73.5816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	73.8480	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0239	0.3145	8.3000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		82.6692	82.6692	2.5900e-003		82.7339
Total	0.0343	0.0239	0.3145	8.3000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		82.6692	82.6692	2.5900e-003		82.7339

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	3.3197	15.3284	37.2600	0.1142	8.4401	0.1276	8.5677	2.2586	0.1201	2.3786		11,600.6308	11,600.6308	0.6404		11,616.6404
Unmitigated	3.3197	15.3284	37.2600	0.1142	8.4401	0.1276	8.5677	2.2586	0.1201	2.3786		11,600.6308	11,600.6308	0.6404		11,616.6404

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,521.52	1,525.16	1108.38	3,491,016	3,491,016
Quality Restaurant	220.99	231.75	177.28	307,906	307,906
Total	1,742.51	1,756.91	1,285.66	3,798,922	3,798,922

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
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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
NaturalGas Unmitigated	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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					
Hotel	4913.93	0.0530	0.4818	0.4047	2.8900e-003		0.0366	0.0366		0.0366	0.0366		578.1093	578.1093	0.0111	0.0106	581.5447
Quality Restaurant	2896.2	0.0312	0.2839	0.2385	1.7000e-003		0.0216	0.0216		0.0216	0.0216		340.7290	340.7290	6.5300e-003	6.2500e-003	342.7537
Total		0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

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					
Hotel	4.91393	0.0530	0.4818	0.4047	2.8900e-003		0.0366	0.0366		0.0366	0.0366		578.1093	578.1093	0.0111	0.0106	581.5447
Quality Restaurant	2.8962	0.0312	0.2839	0.2385	1.7000e-003		0.0216	0.0216		0.0216	0.0216		340.7290	340.7290	6.5300e-003	6.2500e-003	342.7537
Total		0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

6.0 Area Detail

6.1 Mitigation Measures Area

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Unmitigated	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436

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	0.2016					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.5716					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8200e-003	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Total	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	0.2016					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	1.5716					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Landscaping	1.8200e-003	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436
Total	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

Dream Hotel - Modified Project Operational Emissions Only
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	182.00	Room	0.37	74,795.00	0
Quality Restaurant	4.58	1000sqft	0.00	4,581.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per 2019 Traffic Letter. Combined bar, lounge, and restaurant space together.

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2019 Traffic Letter and incorporates trip reductions.

Water Mitigation -

Waste Mitigation -

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblLandUse	LandUseSquareFeet	264,264.00	74,795.00
tblLandUse	LotAcreage	6.07	0.37
tblLandUse	LotAcreage	0.11	0.00
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	50.59
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	38.70
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	48.24

2.0 Emissions Summary

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Energy	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
Mobile	3.1629	15.5906	35.6241	0.1079	8.4401	0.1289	8.5690	2.2586	0.1213	2.3798		10,967.4986	10,967.4986	0.6448		10,983.6178
Total	5.0222	16.3565	36.2865	0.1125	8.4401	0.1871	8.6272	2.2586	0.1795	2.4381		11,886.3777	11,886.3777	0.6625	0.0169	11,907.9598

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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004		0.0436
Energy	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
Mobile	3.1629	15.5906	35.6241	0.1079	8.4401	0.1289	8.5690	2.2586	0.1213	2.3798		10,967.4986	10,967.4986	0.6448		10,983.6178
Total	5.0222	16.3565	36.2865	0.1125	8.4401	0.1871	8.6272	2.2586	0.1795	2.4381		11,886.3777	11,886.3777	0.6625	0.0169	11,907.9598

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 119,064; Non-Residential Outdoor: 39,688; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Building Construction	Cranes	1	4.00	231	0.29
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	33.00	13.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0524	1.4886	0.4005	3.2700e-003	0.0832	0.0100	0.0932	0.0240	9.5700e-003	0.0335		348.8112	348.8112	0.0255		349.4494
Worker	0.1760	0.1232	1.3378	3.6600e-003	0.3689	2.8700e-003	0.3717	0.0978	2.6400e-003	0.1005		364.5364	364.5364	0.0114		364.8211
Total	0.2283	1.6117	1.7383	6.9300e-003	0.4521	0.0129	0.4649	0.1218	0.0122	0.1340		713.3475	713.3475	0.0369		714.2706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0524	1.4886	0.4005	3.2700e-003	0.0832	0.0100	0.0932	0.0240	9.5700e-003	0.0335		348.8112	348.8112	0.0255		349.4494
Worker	0.1760	0.1232	1.3378	3.6600e-003	0.3689	2.8700e-003	0.3717	0.0978	2.6400e-003	0.1005		364.5364	364.5364	0.0114		364.8211
Total	0.2283	1.6117	1.7383	6.9300e-003	0.4521	0.0129	0.4649	0.1218	0.0122	0.1340		713.3475	713.3475	0.0369		714.2706

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	73.5816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	73.8480	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0373	0.0261	0.2838	7.8000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		77.3259	77.3259	2.4200e-003		77.3863
Total	0.0373	0.0261	0.2838	7.8000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		77.3259	77.3259	2.4200e-003		77.3863

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	73.5816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	73.8480	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0373	0.0261	0.2838	7.8000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		77.3259	77.3259	2.4200e-003		77.3863
Total	0.0373	0.0261	0.2838	7.8000e-004	0.0782	6.1000e-004	0.0789	0.0208	5.6000e-004	0.0213		77.3259	77.3259	2.4200e-003		77.3863

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	3.1629	15.5906	35.6241	0.1079	8.4401	0.1289	8.5690	2.2586	0.1213	2.3798		10,967.49 86	10,967.49 86	0.6448		10,983.61 78
Unmitigated	3.1629	15.5906	35.6241	0.1079	8.4401	0.1289	8.5690	2.2586	0.1213	2.3798		10,967.49 86	10,967.49 86	0.6448		10,983.61 78

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,521.52	1,525.16	1108.38	3,491,016	3,491,016
Quality Restaurant	220.99	231.75	177.28	307,906	307,906
Total	1,742.51	1,756.91	1,285.66	3,798,922	3,798,922

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
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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984
NaturalGas Unmitigated	0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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					
Hotel	4913.93	0.0530	0.4818	0.4047	2.8900e-003		0.0366	0.0366		0.0366	0.0366		578.1093	578.1093	0.0111	0.0106	581.5447
Quality Restaurant	2896.2	0.0312	0.2839	0.2385	1.7000e-003		0.0216	0.0216		0.0216	0.0216		340.7290	340.7290	6.5300e-003	6.2500e-003	342.7537
Total		0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

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					
Hotel	4.91393	0.0530	0.4818	0.4047	2.8900e-003		0.0366	0.0366		0.0366	0.0366		578.1093	578.1093	0.0111	0.0106	581.5447
Quality Restaurant	2.8962	0.0312	0.2839	0.2385	1.7000e-003		0.0216	0.0216		0.0216	0.0216		340.7290	340.7290	6.5300e-003	6.2500e-003	342.7537
Total		0.0842	0.7657	0.6432	4.5900e-003		0.0582	0.0582		0.0582	0.0582		918.8383	918.8383	0.0176	0.0169	924.2984

6.0 Area Detail

6.1 Mitigation Measures Area

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436
Unmitigated	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436

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	0.2016					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Consumer Products	1.5716					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Landscaping	1.8200e-003	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436
Total	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436

Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, 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	0.2016					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Consumer Products	1.5716					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Landscaping	1.8200e-003	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436
Total	1.7751	1.8000e-004	0.0192	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0408	0.0408	1.1000e-004			0.0436

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Modified Project Operational Emissions Only - South Coast AQMD Air District, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

Dream Hotel - Original Project Operational Emissions Only
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	100.00	Room	0.37	54,975.00	0
Quality Restaurant	18.34	1000sqft	0.00	18,343.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per 2019 Traffic Letter. Combined bar, lounge, ballroom, and restaurant space together.

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2007 Traffic Study and incorporates trip reductions.

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblConstructionPhase	PhaseEndDate	5/1/2020	12/9/2019
tblConstructionPhase	PhaseEndDate	4/17/2020	11/26/2019
tblConstructionPhase	PhaseStartDate	4/25/2020	11/26/2019
tblConstructionPhase	PhaseStartDate	11/30/2019	11/13/2019
tblLandUse	LandUseSquareFeet	145,200.00	54,975.00
tblLandUse	LotAcreage	3.33	0.37
tblLandUse	LotAcreage	0.42	0.00
tblVehicleTrips	ST_TR	94.36	63.77
tblVehicleTrips	SU_TR	72.16	48.77
tblVehicleTrips	WD_TR	89.95	60.79

2.0 Emissions Summary

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Energy	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
Mobile	3.5147	15.5935	35.7088	0.1062	7.6965	0.1191	7.8156	2.0596	0.1120	2.1716		10,787.0466	10,787.0466	0.6191		10,802.5250
Total	5.3178	17.0847	36.9735	0.1151	7.6965	0.2325	7.9290	2.0596	0.2254	2.2850		12,576.3170	12,576.3170	0.6535	0.0328	12,602.4297

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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Energy	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
Mobile	3.5147	15.5935	35.7088	0.1062	7.6965	0.1191	7.8156	2.0596	0.1120	2.1716		10,787.0466	10,787.0466	0.6191		10,802.5250
Total	5.3178	17.0847	36.9735	0.1151	7.6965	0.2325	7.9290	2.0596	0.2254	2.2850		12,576.3170	12,576.3170	0.6535	0.0328	12,602.4297

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 109,977; Non-Residential Outdoor: 36,659; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Building Construction	Cranes	1	4.00	231	0.29

Trips and VMT

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	31.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0463	1.3731	0.3319	3.1100e-003	0.0768	9.0900e-003	0.0859	0.0221	8.7000e-003	0.0308		331.4636	331.4636	0.0219		332.0119
Worker	0.1518	0.1057	1.3929	3.6800e-003	0.3465	2.7000e-003	0.3492	0.0919	2.4800e-003	0.0944		366.1066	366.1066	0.0115		366.3929
Total	0.1981	1.4787	1.7249	6.7900e-003	0.4233	0.0118	0.4351	0.1140	0.0112	0.1252		697.5702	697.5702	0.0334		698.4048

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.2 IGNORE Building Construction - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0463	1.3731	0.3319	3.1100e-003	0.0768	9.0900e-003	0.0859	0.0221	8.7000e-003	0.0308		331.4636	331.4636	0.0219		332.0119
Worker	0.1518	0.1057	1.3929	3.6800e-003	0.3465	2.7000e-003	0.3492	0.0919	2.4800e-003	0.0944		366.1066	366.1066	0.0115		366.3929
Total	0.1981	1.4787	1.7249	6.7900e-003	0.4233	0.0118	0.4351	0.1140	0.0112	0.1252		697.5702	697.5702	0.0334		698.4048

3.3 IGNORE Architectural Coating - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	67.9658					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	68.2322	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147
Total	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	67.9658					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	68.2322	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147
Total	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	3.5147	15.5935	35.7088	0.1062	7.6965	0.1191	7.8156	2.0596	0.1120	2.1716		10,787.0466	10,787.0466	0.6191		10,802.5250
Unmitigated	3.5147	15.5935	35.7088	0.1062	7.6965	0.1191	7.8156	2.0596	0.1120	2.1716		10,787.0466	10,787.0466	0.6191		10,802.5250

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	817.00	819.00	595.00	1,874,508	1,874,508
Quality Restaurant	1,115.07	1,169.73	894.59	1,553,726	1,553,726
Total	1,932.07	1,988.73	1,489.59	3,428,234	3,428,234

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
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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
NaturalGas Unmitigated	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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					
Hotel	3611.78	0.0390	0.3541	0.2974	2.1200e-003		0.0269	0.0269		0.0269	0.0269		424.9156	424.9156	8.1400e-003	7.7900e-003	427.4406
Quality Restaurant	11596.8	0.1251	1.1369	0.9550	6.8200e-003		0.0864	0.0864		0.0864	0.0864		1,364.3290	1,364.3290	0.0262	0.0250	1,372.4365
Total		0.1640	1.4910	1.2525	8.9400e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

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					
Hotel	3.61178	0.0390	0.3541	0.2974	2.1200e-003		0.0269	0.0269		0.0269	0.0269		424.9156	424.9156	8.1400e-003	7.7900e-003	427.4406
Quality Restaurant	11.5968	0.1251	1.1369	0.9550	6.8200e-003		0.0864	0.0864		0.0864	0.0864		1,364.3290	1,364.3290	0.0262	0.0250	1,372.4365
Total		0.1640	1.4910	1.2525	8.9400e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

6.0 Area Detail

6.1 Mitigation Measures Area

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Unmitigated	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

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	0.1862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4517					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1600e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Total	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	0.1862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4517					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1600e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Total	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

**Dream Hotel - Original Project Operational Emissions Only
South Coast AQMD Air District, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	100.00	Room	0.37	54,975.00	0
Quality Restaurant	18.34	1000sqft	0.00	18,343.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2019
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Data per 2019 Traffic Letter. Combined bar, lounge, ballroom, and restaurant space together.

Construction Phase - IGNORE CONSTRUCTION EMISSIONS FOR OPERATIONAL SCENARIO.

Off-road Equipment -

Vehicle Trips - Trip rates adjusted based on 2007 Traffic Study and incorporates trip reductions.

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	100.00	10.00
tblConstructionPhase	PhaseEndDate	5/1/2020	12/9/2019
tblConstructionPhase	PhaseEndDate	4/17/2020	11/26/2019
tblConstructionPhase	PhaseStartDate	4/25/2020	11/26/2019
tblConstructionPhase	PhaseStartDate	11/30/2019	11/13/2019
tblLandUse	LandUseSquareFeet	145,200.00	54,975.00
tblLandUse	LotAcreage	3.33	0.37
tblLandUse	LotAcreage	0.42	0.00
tblVehicleTrips	ST_TR	94.36	63.77
tblVehicleTrips	SU_TR	72.16	48.77
tblVehicleTrips	WD_TR	89.95	60.79

2.0 Emissions Summary

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Energy	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
Mobile	3.3447	15.7916	34.5618	0.1003	7.6965	0.1206	7.8171	2.0596	0.1134	2.1730		10,190.3398	10,190.3398	0.6277		10,206.0327
Total	5.1478	17.2827	35.8264	0.1092	7.6965	0.2339	7.9305	2.0596	0.2268	2.2864		11,979.6102	11,979.6102	0.6621	0.0328	12,005.9374

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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Energy	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
Mobile	3.3447	15.7916	34.5618	0.1003	7.6965	0.1206	7.8171	2.0596	0.1134	2.1730		10,190.3398	10,190.3398	0.6277		10,206.0327
Total	5.1478	17.2827	35.8264	0.1092	7.6965	0.2339	7.9305	2.0596	0.2268	2.2864		11,979.6102	11,979.6102	0.6621	0.0328	12,005.9374

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	IGNORE Building Construction	Building Construction	11/13/2019	11/26/2019	5	10	
2	IGNORE Architectural Coating	Architectural Coating	11/26/2019	12/9/2019	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 109,977; Non-Residential Outdoor: 36,659; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
IGNORE Architectural Coating	Air Compressors	1	6.00	78	0.48
IGNORE Building Construction	Forklifts	2	6.00	89	0.20
IGNORE Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
IGNORE Building Construction	Cranes	1	4.00	231	0.29

Trips and VMT

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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
IGNORE Building Construction	5	31.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
IGNORE Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 IGNORE Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569		1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0483	1.3741	0.3697	3.0200e-003	0.0768	9.2400e-003	0.0860	0.0221	8.8400e-003	0.0310		321.9795	321.9795	0.0236		322.5687
Worker	0.1653	0.1157	1.2567	3.4400e-003	0.3465	2.7000e-003	0.3492	0.0919	2.4800e-003	0.0944		342.4433	342.4433	0.0107		342.7108
Total	0.2136	1.4898	1.6264	6.4600e-003	0.4233	0.0119	0.4352	0.1140	0.0113	0.1253		664.4228	664.4228	0.0343		665.2795

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892
Total	0.9576	9.8207	7.5432	0.0114		0.6054	0.6054		0.5569	0.5569	0.0000	1,127.6696	1,127.6696	0.3568		1,136.5892

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.2 IGNORE Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0483	1.3741	0.3697	3.0200e-003	0.0768	9.2400e-003	0.0860	0.0221	8.8400e-003	0.0310		321.9795	321.9795	0.0236		322.5687
Worker	0.1653	0.1157	1.2567	3.4400e-003	0.3465	2.7000e-003	0.3492	0.0919	2.4800e-003	0.0944		342.4433	342.4433	0.0107		342.7108
Total	0.2136	1.4898	1.6264	6.4600e-003	0.4233	0.0119	0.4352	0.1140	0.0113	0.1253		664.4228	664.4228	0.0343		665.2795

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	67.9658					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	68.2322	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311
Total	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	67.9658					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	68.2322	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

3.3 IGNORE Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311
Total	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	3.3447	15.7916	34.5618	0.1003	7.6965	0.1206	7.8171	2.0596	0.1134	2.1730		10,190.33 98	10,190.33 98	0.6277		10,206.03 27
Unmitigated	3.3447	15.7916	34.5618	0.1003	7.6965	0.1206	7.8171	2.0596	0.1134	2.1730		10,190.33 98	10,190.33 98	0.6277		10,206.03 27

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	817.00	819.00	595.00	1,874,508	1,874,508
Quality Restaurant	1,115.07	1,169.73	894.59	1,553,726	1,553,726
Total	1,932.07	1,988.73	1,489.59	3,428,234	3,428,234

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
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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991
Quality Restaurant	0.546418	0.044132	0.199182	0.124467	0.017484	0.005870	0.020172	0.031831	0.001999	0.002027	0.004724	0.000704	0.000991

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771
NaturalGas Unmitigated	0.1640	1.4910	1.2525	8.9500e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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					
Hotel	3611.78	0.0390	0.3541	0.2974	2.1200e-003		0.0269	0.0269		0.0269	0.0269		424.9156	424.9156	8.1400e-003	7.7900e-003	427.4406
Quality Restaurant	11596.8	0.1251	1.1369	0.9550	6.8200e-003		0.0864	0.0864		0.0864	0.0864		1,364.3290	1,364.3290	0.0262	0.0250	1,372.4365
Total		0.1640	1.4910	1.2525	8.9400e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

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					
Hotel	3.61178	0.0390	0.3541	0.2974	2.1200e-003		0.0269	0.0269		0.0269	0.0269		424.9156	424.9156	8.1400e-003	7.7900e-003	427.4406
Quality Restaurant	11.5968	0.1251	1.1369	0.9550	6.8200e-003		0.0864	0.0864		0.0864	0.0864		1,364.3290	1,364.3290	0.0262	0.0250	1,372.4365
Total		0.1640	1.4910	1.2525	8.9400e-003		0.1133	0.1133		0.1133	0.1133		1,789.2445	1,789.2445	0.0343	0.0328	1,799.8771

6.0 Area Detail

6.1 Mitigation Measures Area

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Unmitigated	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

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	0.1862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4517					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1600e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Total	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, 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	0.1862					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4517					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1600e-003	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277
Total	1.6391	1.1000e-004	0.0122	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0277

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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
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Dream Hotel - Original Project Operational Emissions Only - South Coast AQMD Air District, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation
