

CalEEMod Output Tables

for the

Infusion Beach & Hotel

Prepared for:



City of Palm Springs
3200 East Tahquitz Canyon Way
Palm Springs, California 92262

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Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

Infusion Beach and Hotel Project
Salton Sea Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.12	1000sqft	3.92	1,120.00	0
High Turnover (Sit Down Restaurant)	0.85	1000sqft	3.00	853.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	13			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot acreage per plans

Construction Phase - Assumes 150 days of construction.

Off-road Equipment -

On-road Fugitive Dust - Project site located in an urban environment. All roads are paved.

Road Dust - Project site located in an urban environment. All roads are paved.

Construction Off-road Equipment Mitigation - Standard mitigation measures

Area Mitigation -

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Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	230.00	150.00
tblConstructionPhase	PhaseEndDate	11/1/2017	1/26/2018
tblConstructionPhase	PhaseEndDate	11/1/2017	8/24/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/1/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/27/2018
tblLandUse	LotAcreage	0.03	3.92
tblLandUse	LotAcreage	0.02	3.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2018	2019

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tblRoadDust	RoadPercentPave	50	100
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.2181	1.7747	1.3405	2.0500e-003	6.2000e-004	0.1140	0.1146	1.6000e-004	0.1073	0.1074	0.0000	181.4432	181.4432	0.0440	0.0000	182.5422
Maximum	0.2181	1.7747	1.3405	2.0500e-003	6.2000e-004	0.1140	0.1146	1.6000e-004	0.1073	0.1074	0.0000	181.4432	181.4432	0.0440	0.0000	182.5422

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.2181	1.5085	1.3405	2.0500e-003	6.2000e-004	0.1140	0.1146	1.6000e-004	0.1073	0.1074	0.0000	181.4429	181.4429	0.0440	0.0000	182.5419
Maximum	0.2181	1.5085	1.3405	2.0500e-003	6.2000e-004	0.1140	0.1146	1.6000e-004	0.1073	0.1074	0.0000	181.4429	181.4429	0.0440	0.0000	182.5419

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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	15.00	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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-2-2017	2-1-2018	0.0900	0.0797
2	2-2-2018	5-1-2018	0.8290	0.7175
3	5-2-2018	8-1-2018	0.8570	0.7417
4	8-2-2018	9-30-2018	0.2142	0.1854
		Highest	0.8570	0.7417

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	9.0800e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	9.3000e-004	8.4100e-003	7.0700e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	24.7461	24.7461	8.2000e-004	3.0000e-004	24.8563
Mobile	0.0466	0.3897	0.3326	1.0300e-003	0.0427	9.8000e-004	0.0437	0.0115	9.3000e-004	0.0124	0.0000	96.0394	96.0394	0.0116	0.0000	96.3302
Waste						0.0000	0.0000		0.0000	0.0000	2.2654	0.0000	2.2654	0.1339	0.0000	5.6124
Water						0.0000	0.0000		0.0000	0.0000	0.1450	2.3864	2.5315	0.0150	3.7000e-004	3.0171
Total	0.0566	0.3981	0.3397	1.0800e-003	0.0427	1.6200e-003	0.0443	0.0115	1.5700e-003	0.0131	2.4104	123.1719	125.5823	0.1613	6.7000e-004	129.8160

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.5000e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	9.3000e-004	8.4100e-003	7.0700e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	24.7461	24.7461	8.2000e-004	3.0000e-004	24.8563
Mobile	0.0466	0.3897	0.3326	1.0300e-003	0.0427	9.8000e-004	0.0437	0.0115	9.3000e-004	0.0124	0.0000	96.0394	96.0394	0.0116	0.0000	96.3302
Waste						0.0000	0.0000		0.0000	0.0000	2.2654	0.0000	2.2654	0.1339	0.0000	5.6124
Water						0.0000	0.0000		0.0000	0.0000	0.1450	2.3864	2.5315	0.0150	3.7000e-004	3.0171
Total	0.0560	0.3981	0.3397	1.0800e-003	0.0427	1.6200e-003	0.0443	0.0115	1.5700e-003	0.0131	2.4104	123.1719	125.5823	0.1613	6.7000e-004	129.8160

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.03	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	Architectural Coating	Architectural Coating	1/1/2018	1/26/2018	5	20	
2	Building Construction	Building Construction	1/27/2018	8/24/2018	5	150	

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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: 2,960; Non-Residential Outdoor: 987; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

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3.3 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2010	1.7543	1.3185	2.0200e-003		0.1125	0.1125		0.1057	0.1057	0.0000	178.3254	178.3254	0.0437	0.0000	179.4177
Total	0.2010	1.7543	1.3185	2.0200e-003		0.1125	0.1125		0.1057	0.1057	0.0000	178.3254	178.3254	0.0437	0.0000	179.4177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	3.5000e-004	3.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5645	0.5645	3.0000e-005	0.0000	0.5652
Total	4.5000e-004	3.5000e-004	3.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5645	0.5645	3.0000e-005	0.0000	0.5652

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3.3 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2010	1.4911	1.3185	2.0200e-003		0.1125	0.1125		0.1057	0.1057	0.0000	178.3252	178.3252	0.0437	0.0000	179.4175
Total	0.2010	1.4911	1.3185	2.0200e-003		0.1125	0.1125		0.1057	0.1057	0.0000	178.3252	178.3252	0.0437	0.0000	179.4175

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	3.5000e-004	3.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5645	0.5645	3.0000e-005	0.0000	0.5652
Total	4.5000e-004	3.5000e-004	3.3900e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5645	0.5645	3.0000e-005	0.0000	0.5652

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0466	0.3897	0.3326	1.0300e-003	0.0427	9.8000e-004	0.0437	0.0115	9.3000e-004	0.0124	0.0000	96.0394	96.0394	0.0116	0.0000	96.3302
Unmitigated	0.0466	0.3897	0.3326	1.0300e-003	0.0427	9.8000e-004	0.0437	0.0115	9.3000e-004	0.0124	0.0000	96.0394	96.0394	0.0116	0.0000	96.3302

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	12.35	2.76	1.18	20,030	20,030
High Turnover (Sit Down Restaurant)	108.46	135.09	112.46	90,320	90,320
Total	120.81	137.84	113.64	110,350	110,350

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981
High Turnover (Sit Down Restaurant)	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	15.5887	15.5887	6.4000e-004	1.3000e-004	15.6445
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	15.5887	15.5887	6.4000e-004	1.3000e-004	15.6445
NaturalGas Mitigated	9.3000e-004	8.4100e-003	7.0700e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1573	9.1573	1.8000e-004	1.7000e-004	9.2118
NaturalGas Unmitigated	9.3000e-004	8.4100e-003	7.0700e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1573	9.1573	1.8000e-004	1.7000e-004	9.2118

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	22702.4	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2115	1.2115	2.0000e-005	2.0000e-005	1.2187
High Turnover (Sit Down Restaurant)	148900	8.0000e-004	7.3000e-003	6.1300e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.9459	7.9459	1.5000e-004	1.5000e-004	7.9931
Total		9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	9.1573	9.1573	1.7000e-004	1.7000e-004	9.2118

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	22702.4	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2115	1.2115	2.0000e-005	2.0000e-005	1.2187
High Turnover (Sit Down Restaurant)	148900	8.0000e-004	7.3000e-003	6.1300e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.9459	7.9459	1.5000e-004	1.5000e-004	7.9931
Total		9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	9.1573	9.1573	1.7000e-004	1.7000e-004	9.2118

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	15411.2	4.9103	2.0000e-004	4.0000e-005	4.9279
High Turnover (Sit Down Restaurant)	33514.4	10.6784	4.4000e-004	9.0000e-005	10.7166
Total		15.5887	6.4000e-004	1.3000e-004	15.6445

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	15411.2	4.9103	2.0000e-004	4.0000e-005	4.9279
High Turnover (Sit Down Restaurant)	33514.4	10.6784	4.4000e-004	9.0000e-005	10.7166
Total		15.5887	6.4000e-004	1.3000e-004	15.6445

6.0 Area Detail

6.1 Mitigation Measures Area

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Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.5000e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Unmitigated	9.0800e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.7100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Total	9.0800e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Total	8.5000e-003	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

7.0 Water Detail

7.1 Mitigation Measures Water

Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.5315	0.0150	3.7000e-004	3.0171
Unmitigated	2.5315	0.0150	3.7000e-004	3.0171

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.199062 / 0.122006	1.3209	6.5400e-003	1.6000e-004	1.5332
High Turnover (Sit Down Restaurant)	0.258004 / 0.0164683	1.2106	8.4500e-003	2.1000e-004	1.4839
Total		2.5315	0.0150	3.7000e-004	3.0171

Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.199062 / 0.122006	1.3209	6.5400e-003	1.6000e-004	1.5332
High Turnover (Sit Down Restaurant)	0.258004 / 0.0164683	1.2106	8.4500e-003	2.1000e-004	1.4839
Total		2.5315	0.0150	3.7000e-004	3.0171

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.2654	0.1339	0.0000	5.6124
Unmitigated	2.2654	0.1339	0.0000	5.6124

Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1.04	0.2111	0.0125	0.0000	0.5230
High Turnover (Sit Down Restaurant)	10.12	2.0543	0.1214	0.0000	5.0894
Total		2.2654	0.1339	0.0000	5.6124

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	1.04	0.2111	0.0125	0.0000	0.5230
High Turnover (Sit Down Restaurant)	10.12	2.0543	0.1214	0.0000	5.0894
Total		2.2654	0.1339	0.0000	5.6124

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Infusion Beach and Hotel Project - Salton Sea Air Basin, Annual

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

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

Infusion Beach and Hotel Project
Salton Sea Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.12	1000sqft	3.92	1,120.00	0
High Turnover (Sit Down Restaurant)	0.85	1000sqft	3.00	853.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	13			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Lot acreage per plans
- Construction Phase - Assumes 150 days of construction.
- Off-road Equipment -
- On-road Fugitive Dust - Project site located in an urban environment. All roads are paved.
- Road Dust - Project site located in an urban environment. All roads are paved.
- Construction Off-road Equipment Mitigation - Standard mitigation measures
- Area Mitigation -

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	230.00	150.00
tblConstructionPhase	PhaseEndDate	11/1/2017	1/26/2018
tblConstructionPhase	PhaseEndDate	11/1/2017	8/24/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/1/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/27/2018
tblLandUse	LotAcreage	0.03	3.92
tblLandUse	LotAcreage	0.02	3.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2018	2019

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

tblRoadDust	RoadPercentPave	50	100
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.6867	23.3946	17.6369	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,630.1084	2,630.1084	0.6426	0.0000	2,646.1735
Maximum	2.6867	23.3946	17.6369	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,630.1084	2,630.1084	0.6426	0.0000	2,646.1735

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.6867	19.8861	17.6369	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,630.1084	2,630.1084	0.6426	0.0000	2,646.1735
Maximum	2.6867	19.8861	17.6369	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,630.1084	2,630.1084	0.6426	0.0000	2,646.1735

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Energy	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
Mobile	0.3910	2.6043	2.4698	7.2900e-003	0.2894	6.4400e-003	0.2958	0.0777	6.1000e-003	0.0838		748.5118	748.5118	0.0832		750.5908
Total	0.4459	2.6504	2.5087	7.5700e-003	0.2894	9.9400e-003	0.2993	0.0777	9.6000e-003	0.0873		803.8232	803.8232	0.0842	1.0100e-003	806.2308

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Energy	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
Mobile	0.3910	2.6043	2.4698	7.2900e-003	0.2894	6.4400e-003	0.2958	0.0777	6.1000e-003	0.0838		748.5118	748.5118	0.0832		750.5908
Total	0.4427	2.6504	2.5087	7.5700e-003	0.2894	9.9400e-003	0.2993	0.0777	9.6000e-003	0.0873		803.8232	803.8232	0.0842	1.0100e-003	806.2308

Infusion Beach and Hotel Project - Salton Sea Air Basin, 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	0.71	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	Architectural Coating	Architectural Coating	1/1/2018	1/26/2018	5	20	
2	Building Construction	Building Construction	1/27/2018	8/24/2018	5	150	

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: 2,960; Non-Residential Outdoor: 987; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

3.2 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	1.6707	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

3.2 Architectural Coating - 2018

Unmitigated Construction Off-Site

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

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	1.3721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.7049	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	1.6707	1.7049	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

3.2 Architectural Coating - 2018

Mitigated Construction Off-Site

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

3.3 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

3.3 Building Construction - 2018

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	7.1600e-003	4.6000e-003	0.0565	9.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		9.1733	9.1733	4.7000e-004		9.1852
Total	7.1600e-003	4.6000e-003	0.0565	9.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		9.1733	9.1733	4.7000e-004		9.1852

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	19.8815	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	19.8815	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

3.3 Building Construction - 2018

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	7.1600e-003	4.6000e-003	0.0565	9.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		9.1733	9.1733	4.7000e-004		9.1852
Total	7.1600e-003	4.6000e-003	0.0565	9.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		9.1733	9.1733	4.7000e-004		9.1852

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3910	2.6043	2.4698	7.2900e-003	0.2894	6.4400e-003	0.2958	0.0777	6.1000e-003	0.0838		748.5118	748.5118	0.0832		750.5908
Unmitigated	0.3910	2.6043	2.4698	7.2900e-003	0.2894	6.4400e-003	0.2958	0.0777	6.1000e-003	0.0838		748.5118	748.5118	0.0832		750.5908

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	12.35	2.76	1.18	20,030	20,030
High Turnover (Sit Down Restaurant)	108.46	135.09	112.46	90,320	90,320
Total	120.81	137.84	113.64	110,350	110,350

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981
High Turnover (Sit Down Restaurant)	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981

Infusion Beach and Hotel Project - Salton Sea Air Basin, 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	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
NaturalGas Unmitigated	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	62.1984	6.7000e-004	6.1000e-003	5.1200e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.3175	7.3175	1.4000e-004	1.3000e-004	7.3609
High Turnover (Sit Down Restaurant)	407.944	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		47.9935	47.9935	9.2000e-004	8.8000e-004	48.2787
Total		5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0621984	6.7000e-004	6.1000e-003	5.1200e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.3175	7.3175	1.4000e-004	1.3000e-004	7.3609
High Turnover (Sit Down Restaurant)	0.407944	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		47.9935	47.9935	9.2000e-004	8.8000e-004	48.2787
Total		5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

6.0 Area Detail

6.1 Mitigation Measures Area

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Unmitigated	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.5200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0422					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Total	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

Infusion Beach and Hotel Project - Salton Sea Air Basin, 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	7.5200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Total	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Infusion Beach and Hotel Project - Salton Sea Air Basin, Summer

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

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

Equipment Type	Number
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11.0 Vegetation

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

Infusion Beach and Hotel Project

Salton Sea Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	1.12	1000sqft	3.92	1,120.00	0
High Turnover (Sit Down Restaurant)	0.85	1000sqft	3.00	853.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	13			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot acreage per plans

Construction Phase - Assumes 150 days of construction.

Off-road Equipment -

On-road Fugitive Dust - Project site located in an urban environment. All roads are paved.

Road Dust - Project site located in an urban environment. All roads are paved.

Construction Off-road Equipment Mitigation - Standard mitigation measures

Area Mitigation -

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	230.00	150.00
tblConstructionPhase	PhaseEndDate	11/1/2017	1/26/2018
tblConstructionPhase	PhaseEndDate	11/1/2017	8/24/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/1/2018
tblConstructionPhase	PhaseStartDate	11/2/2017	1/27/2018
tblLandUse	LotAcreage	0.03	3.92
tblLandUse	LotAcreage	0.02	3.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2018	2019

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

tblRoadDust	RoadPercentPave	50	100
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.6854	23.3948	17.6211	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,628.6445	2,628.6445	0.6425	0.0000	2,644.7071
Maximum	2.6854	23.3948	17.6211	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,628.6445	2,628.6445	0.6425	0.0000	2,644.7071

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.6854	19.8863	17.6211	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,628.6445	2,628.6445	0.6425	0.0000	2,644.7071
Maximum	2.6854	19.8863	17.6211	0.0270	8.3700e-003	1.4999	1.5083	2.2200e-003	1.4100	1.4122	0.0000	2,628.6445	2,628.6445	0.6425	0.0000	2,644.7071

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Energy	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
Mobile	0.2774	2.5497	2.2824	6.4900e-003	0.2894	6.7600e-003	0.2961	0.0777	6.4000e-003	0.0841		666.8707	666.8707	0.0900		669.1198
Total	0.3322	2.5958	2.3213	6.7700e-003	0.2894	0.0103	0.2996	0.0777	9.9000e-003	0.0876		722.1821	722.1821	0.0910	1.0100e-003	724.7598

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Energy	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
Mobile	0.2774	2.5497	2.2824	6.4900e-003	0.2894	6.7600e-003	0.2961	0.0777	6.4000e-003	0.0841		666.8707	666.8707	0.0900		669.1198
Total	0.3291	2.5958	2.3213	6.7700e-003	0.2894	0.0103	0.2996	0.0777	9.9000e-003	0.0876		722.1821	722.1821	0.0910	1.0100e-003	724.7598

Infusion Beach and Hotel Project - Salton Sea Air Basin, 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	0.95	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	Architectural Coating	Architectural Coating	1/1/2018	1/26/2018	5	20	
2	Building Construction	Building Construction	1/27/2018	8/24/2018	5	150	

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: 2,960; Non-Residential Outdoor: 987; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	0.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

3.2 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	1.6707	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

3.2 Architectural Coating - 2018

Unmitigated Construction Off-Site

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

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	1.3721					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	1.7049	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	1.6707	1.7049	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

3.2 Architectural Coating - 2018

Mitigated Construction Off-Site

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

3.3 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

3.3 Building Construction - 2018

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	5.8700e-003	4.7500e-003	0.0407	8.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		7.7094	7.7094	3.8000e-004		7.7188
Total	5.8700e-003	4.7500e-003	0.0407	8.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		7.7094	7.7094	3.8000e-004		7.7188

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	19.8815	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	19.8815	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

3.3 Building Construction - 2018

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	5.8700e-003	4.7500e-003	0.0407	8.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		7.7094	7.7094	3.8000e-004		7.7188
Total	5.8700e-003	4.7500e-003	0.0407	8.0000e-005	8.3700e-003	5.0000e-005	8.4200e-003	2.2200e-003	5.0000e-005	2.2700e-003		7.7094	7.7094	3.8000e-004		7.7188

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2774	2.5497	2.2824	6.4900e-003	0.2894	6.7600e-003	0.2961	0.0777	6.4000e-003	0.0841		666.8707	666.8707	0.0900		669.1198
Unmitigated	0.2774	2.5497	2.2824	6.4900e-003	0.2894	6.7600e-003	0.2961	0.0777	6.4000e-003	0.0841		666.8707	666.8707	0.0900		669.1198

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	12.35	2.76	1.18	20,030	20,030
High Turnover (Sit Down Restaurant)	108.46	135.09	112.46	90,320	90,320
Total	120.81	137.84	113.64	110,350	110,350

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	12.50	4.20	5.40	8.50	72.50	19.00	37	20	43

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981
High Turnover (Sit Down Restaurant)	0.482259	0.038261	0.180775	0.132303	0.018096	0.005727	0.021216	0.108810	0.002699	0.002023	0.006057	0.000794	0.000981

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5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396
NaturalGas Unmitigated	5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

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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					
General Office Building	62.1984	6.7000e-004	6.1000e-003	5.1200e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.3175	7.3175	1.4000e-004	1.3000e-004	7.3609
High Turnover (Sit Down Restaurant)	407.944	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		47.9935	47.9935	9.2000e-004	8.8000e-004	48.2787
Total		5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0621984	6.7000e-004	6.1000e-003	5.1200e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.3175	7.3175	1.4000e-004	1.3000e-004	7.3609
High Turnover (Sit Down Restaurant)	0.407944	4.4000e-003	0.0400	0.0336	2.4000e-004		3.0400e-003	3.0400e-003		3.0400e-003	3.0400e-003		47.9935	47.9935	9.2000e-004	8.8000e-004	48.2787
Total		5.0700e-003	0.0461	0.0387	2.8000e-004		3.5000e-003	3.5000e-003		3.5000e-003	3.5000e-003		55.3109	55.3109	1.0600e-003	1.0100e-003	55.6396

6.0 Area Detail

6.1 Mitigation Measures Area

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Unmitigated	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.5200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0422					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Total	0.0498	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	7.5200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0391					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0000e-005	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004
Total	0.0466	0.0000	2.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		4.3000e-004	4.3000e-004	0.0000		4.6000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Infusion Beach and Hotel Project - Salton Sea Air Basin, Winter

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

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

Equipment Type	Number
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11.0 Vegetation
