

APPENDIX C

AIR QUALITY AND GREENHOUSE GAS ASSESSMENT



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**DANA POINT HARBOR HOTELS CALEEMOD
PROJECT BUILDOUT SCENARIO**

Dana Point Harbor Hotels - South Coast AQMD Air District, Annual

Dana Point Harbor Hotels
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	264.00	Space	2.38	105,600.00	0
Parking Lot	219.00	Space	1.96	87,600.00	0
Hotel	130.00	Room	2.56	125,026.00	0
Hotel	139.00	Room	2.26	56,896.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	482.73	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics - SDGE CO2 Intensity Reduction Factor is based on 33 % reduction for 2020 forecast (SDGE 2017).

Land Use - Surf Lounge Hotel 136 Rooms plus 3 dorm style rooms (48 beds), Dana Point House 130 rooms. Enclosed parking 264 spaces and surface parking 219 spaces. Total 9.16 ac.

Construction Phase - Construction would begin September 2022 until completion in April 2025.

Off-road Equipment - Additional Air Compressors added.

Off-road Equipment - Client equipment list: Cement mixers, pumps, backhoes, cranes, generator set, and welders added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Grader, Excavator, Skip Loader, Scrapers, Air Compressor, and Compactor added.

Off-road Equipment - Concrete mixers and pumps added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Drilling Rigs, Pumps, and Generator sets added.

Trips and VMT -

Demolition - Demolition of existing structures, surrounding parking lot, and boater services.

Grading - Raw cut 995 CY. Parking lot cut 58,145 CY. Fill 54,910 CY. Net export of 4,230 CY. Project size 9.16 acres.

Architectural Coating -

Vehicle Trips - 2,269 ADT of combined proposed project including boater services. 10% internal capture. 2,042 ADT.

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	40.00

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tblConstructionPhase	NumDays	230.00	317.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	370.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	120.00	36.00
tblGrading	MaterialExported	0.00	4,230.00
tblLandUse	LandUseSquareFeet	188,760.00	125,026.00
tblLandUse	LandUseSquareFeet	201,828.00	56,896.00
tblLandUse	LotAcreage	1.97	1.96
tblLandUse	LotAcreage	4.33	2.56
tblLandUse	LotAcreage	4.63	2.26
tblOffRoadEquipment	HorsePower	9.00	81.00
tblOffRoadEquipment	LoadFactor	0.56	0.73
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	482.73

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tblTripsAndVMT	HaulingTripNumber	529.00	264.00
tblVehicleTrips	WD_TR	8.17	7.59

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1350	1.3771	1.0917	2.4800e-003	0.1519	0.0591	0.2110	0.0562	0.0552	0.1114	0.0000	219.5377	219.5377	0.0534	0.0000	220.8725
2023	0.4442	3.8359	4.2728	0.0103	0.3300	0.1544	0.4844	0.0968	0.1472	0.2439	0.0000	914.5603	914.5603	0.1226	0.0000	917.6260
2024	2.7233	3.2344	4.6127	8.7200e-003	0.1288	0.1451	0.2740	0.0345	0.1388	0.1733	0.0000	760.9911	760.9911	0.1239	0.0000	764.0892
2025	0.0553	0.4622	0.7562	1.2900e-003	8.9100e-003	0.0212	0.0301	2.3700e-003	0.0201	0.0224	0.0000	111.4753	111.4753	0.0230	0.0000	112.0498
Maximum	2.7233	3.8359	4.6127	0.0103	0.3300	0.1544	0.4844	0.0968	0.1472	0.2439	0.0000	914.5603	914.5603	0.1239	0.0000	917.6260

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1350	1.3771	1.0917	2.4800e-003	0.1519	0.0591	0.2110	0.0562	0.0552	0.1114	0.0000	219.5375	219.5375	0.0534	0.0000	220.8722
2023	0.4442	3.8359	4.2728	0.0103	0.3300	0.1544	0.4844	0.0968	0.1472	0.2439	0.0000	914.5596	914.5596	0.1226	0.0000	917.6254
2024	2.7233	3.2344	4.6127	8.7200e-003	0.1288	0.1451	0.2740	0.0345	0.1388	0.1733	0.0000	760.9903	760.9903	0.1239	0.0000	764.0885
2025	0.0553	0.4622	0.7562	1.2900e-003	8.9100e-003	0.0212	0.0301	2.3700e-003	0.0201	0.0224	0.0000	111.4752	111.4752	0.0230	0.0000	112.0497
Maximum	2.7233	3.8359	4.6127	0.0103	0.3300	0.1544	0.4844	0.0968	0.1472	0.2439	0.0000	914.5596	914.5596	0.1239	0.0000	917.6254

	ROG	NOx	CO	SO2	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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	0.9236	0.9236
2	12-1-2022	2-28-2023	1.3194	1.3194
3	3-1-2023	5-31-2023	0.9498	0.9498
4	6-1-2023	8-31-2023	0.9490	0.9490
5	9-1-2023	11-30-2023	1.1376	1.1376
6	12-1-2023	2-29-2024	2.5217	2.5217
7	3-1-2024	5-31-2024	2.5997	2.5997
8	6-1-2024	8-31-2024	0.5680	0.5680

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9	9-1-2024	11-30-2024	0.5622	0.5622
10	12-1-2024	2-28-2025	0.5273	0.5273
11	3-1-2025	5-31-2025	0.1821	0.1821
		Highest	2.5997	2.5997

2.2 Overall Operational
Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199
Energy	0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	834.8122	834.8122	0.0366	0.0123	839.4030
Mobile	0.3995	2.0666	4.6792	0.0198	1.8145	0.0142	1.8288	0.4861	0.0132	0.4993	0.0000	1,832.7552	1,832.7552	0.0814	0.0000	1,834.7891
Waste						0.0000	0.0000		0.0000	0.0000	29.8965	0.0000	29.8965	1.7668	0.0000	74.0673
Water						0.0000	0.0000		0.0000	0.0000	2.1648	21.2994	23.4643	0.2236	5.5100e-003	30.6984
Total	1.1908	2.3721	4.9453	0.0216	1.8145	0.0375	1.8520	0.4861	0.0365	0.5226	32.0613	2,688.8854	2,720.9468	2.1084	0.0179	2,778.9778

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199
Energy	0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	834.8122	834.8122	0.0366	0.0123	839.4030
Mobile	0.3995	2.0666	4.6792	0.0198	1.8145	0.0142	1.8288	0.4861	0.0132	0.4993	0.0000	1,832.755 2	1,832.755 2	0.0814	0.0000	1,834.789 1
Waste						0.0000	0.0000		0.0000	0.0000	29.8965	0.0000	29.8965	1.7668	0.0000	74.0673
Water						0.0000	0.0000		0.0000	0.0000	2.1648	21.2994	23.4643	0.2236	5.5100e-003	30.6984
Total	1.1908	2.3721	4.9453	0.0216	1.8145	0.0375	1.8520	0.4861	0.0365	0.5226	32.0613	2,688.885 4	2,720.946 8	2.1084	0.0179	2,778.977 8

	ROG	NOx	CO	SO2	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

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Site Preparation	Site Preparation	10/27/2022	11/23/2022	5	20	
3	Grading	Grading	11/24/2022	1/18/2023	5	40	
4	Building Construction	Building Construction	1/19/2023	4/5/2024	5	317	
5	Paving	Paving	11/1/2023	4/1/2025	5	370	
6	Architectural Coating	Architectural Coating	1/4/2024	5/31/2024	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 36

Acres of Paving: 4.34

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 272,883; Non-Residential Outdoor: 90,961; Striped Parking Area: 11,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	2	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Bore/Drill Rigs	2	8.00	221	0.50
Site Preparation	Generator Sets	2	8.00	84	0.74
Site Preparation	Pumps	2	8.00	84	0.74
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Air Compressors	1	8.00	78	0.48

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Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Skid Steer Loaders	1	8.00	65	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	81	0.73
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	8.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	341.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	264.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	11	158.00	61.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	32.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0369	0.0000	0.0369	5.5900e-003	0.0000	5.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0520	0.5124	0.3915	7.4000e-004		0.0249	0.0249		0.0232	0.0232	0.0000	64.3739	64.3739	0.0179	0.0000	64.8221
Total	0.0520	0.5124	0.3915	7.4000e-004	0.0369	0.0249	0.0619	5.5900e-003	0.0232	0.0288	0.0000	64.3739	64.3739	0.0179	0.0000	64.8221

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3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1900e-003	0.0410	9.3100e-003	1.3000e-004	2.9300e-003	1.2000e-004	3.0500e-003	8.0000e-004	1.1000e-004	9.2000e-004	0.0000	12.5802	12.5802	8.6000e-004	0.0000	12.6016
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	1.1700e-003	8.3000e-004	9.6500e-003	3.0000e-005	3.2900e-003	2.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.7642	2.7642	7.0000e-005	0.0000	2.7659
Total	2.3600e-003	0.0418	0.0190	1.6000e-004	6.2200e-003	1.4000e-004	6.3700e-003	1.6700e-003	1.3000e-004	1.8200e-003	0.0000	15.3444	15.3444	9.3000e-004	0.0000	15.3675

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0369	0.0000	0.0369	5.5900e-003	0.0000	5.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0520	0.5124	0.3915	7.4000e-004		0.0249	0.0249		0.0232	0.0232	0.0000	64.3738	64.3738	0.0179	0.0000	64.8221
Total	0.0520	0.5124	0.3915	7.4000e-004	0.0369	0.0249	0.0619	5.5900e-003	0.0232	0.0288	0.0000	64.3738	64.3738	0.0179	0.0000	64.8221

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3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1900e-003	0.0410	9.3100e-003	1.3000e-004	2.9300e-003	1.2000e-004	3.0500e-003	8.0000e-004	1.1000e-004	9.2000e-004	0.0000	12.5802	12.5802	8.6000e-004	0.0000	12.6016
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	1.1700e-003	8.3000e-004	9.6500e-003	3.0000e-005	3.2900e-003	2.0000e-005	3.3200e-003	8.7000e-004	2.0000e-005	9.0000e-004	0.0000	2.7642	2.7642	7.0000e-005	0.0000	2.7659
Total	2.3600e-003	0.0418	0.0190	1.6000e-004	6.2200e-003	1.4000e-004	6.3700e-003	1.6700e-003	1.3000e-004	1.8200e-003	0.0000	15.3444	15.3444	9.3000e-004	0.0000	15.3675

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.1633	0.1890	4.5000e-004		7.5100e-003	7.5100e-003		7.3900e-003	7.3900e-003	0.0000	39.1837	39.1837	6.4700e-003	0.0000	39.3455
Total	0.0181	0.1633	0.1890	4.5000e-004	0.0000	7.5100e-003	7.5100e-003	0.0000	7.3900e-003	7.3900e-003	0.0000	39.1837	39.1837	6.4700e-003	0.0000	39.3455

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3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0181	0.1633	0.1890	4.5000e-004		7.5100e-003	7.5100e-003		7.3900e-003	7.3900e-003	0.0000	39.1836	39.1836	6.4700e-003	0.0000	39.3455
Total	0.0181	0.1633	0.1890	4.5000e-004	0.0000	7.5100e-003	7.5100e-003	0.0000	7.3900e-003	7.3900e-003	0.0000	39.1836	39.1836	6.4700e-003	0.0000	39.3455

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3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830
Total	5.9000e-004	4.2000e-004	4.8300e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3821	1.3821	3.0000e-005	0.0000	1.3830

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1006	0.0000	0.1006	0.0468	0.0000	0.0468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0597	0.6367	0.4695	1.0200e-003		0.0264	0.0264		0.0244	0.0244	0.0000	88.9478	88.9478	0.0275	0.0000	89.6350
Total	0.0597	0.6367	0.4695	1.0200e-003	0.1006	0.0264	0.1270	0.0468	0.0244	0.0712	0.0000	88.9478	88.9478	0.0275	0.0000	89.6350

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3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.2000e-004	0.0214	4.8600e-003	7.0000e-005	2.0900e-003	6.0000e-005	2.1500e-003	5.6000e-004	6.0000e-005	6.1000e-004	0.0000	6.5742	6.5742	4.5000e-004	0.0000	6.5854
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	1.5900e-003	1.1300e-003	0.0130	4.0000e-005	4.4400e-003	3.0000e-005	4.4800e-003	1.1800e-003	3.0000e-005	1.2100e-003	0.0000	3.7317	3.7317	9.0000e-005	0.0000	3.7340
Total	2.2100e-003	0.0226	0.0179	1.1000e-004	6.5300e-003	9.0000e-005	6.6300e-003	1.7400e-003	9.0000e-005	1.8200e-003	0.0000	10.3058	10.3058	5.4000e-004	0.0000	10.3194

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1006	0.0000	0.1006	0.0468	0.0000	0.0468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0597	0.6366	0.4695	1.0200e-003		0.0264	0.0264		0.0244	0.0244	0.0000	88.9477	88.9477	0.0275	0.0000	89.6349
Total	0.0597	0.6366	0.4695	1.0200e-003	0.1006	0.0264	0.1270	0.0468	0.0244	0.0712	0.0000	88.9477	88.9477	0.0275	0.0000	89.6349

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3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.2000e-004	0.0214	4.8600e-003	7.0000e-005	2.0900e-003	6.0000e-005	2.1500e-003	5.6000e-004	6.0000e-005	6.1000e-004	0.0000	6.5742	6.5742	4.5000e-004	0.0000	6.5854
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	1.5900e-003	1.1300e-003	0.0130	4.0000e-005	4.4400e-003	3.0000e-005	4.4800e-003	1.1800e-003	3.0000e-005	1.2100e-003	0.0000	3.7317	3.7317	9.0000e-005	0.0000	3.7340
Total	2.2100e-003	0.0226	0.0179	1.1000e-004	6.5300e-003	9.0000e-005	6.6300e-003	1.7400e-003	9.0000e-005	1.8200e-003	0.0000	10.3058	10.3058	5.4000e-004	0.0000	10.3194

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0236	0.0000	0.0236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2731	0.2194	4.9000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	42.8252	42.8252	0.0132	0.0000	43.1557
Total	0.0264	0.2731	0.2194	4.9000e-004	0.0585	0.0111	0.0696	0.0236	0.0103	0.0339	0.0000	42.8252	42.8252	0.0132	0.0000	43.1557

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3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-004	6.6300e-003	2.1200e-003	3.0000e-005	1.8900e-003	1.0000e-005	1.9000e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	3.0400	3.0400	2.0000e-004	0.0000	3.0449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.9000e-004	5.7900e-003	2.0000e-005	2.1400e-003	2.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.7297	1.7297	4.0000e-005	0.0000	1.7307
Total	9.2000e-004	7.1200e-003	7.9100e-003	5.0000e-005	4.0300e-003	3.0000e-005	4.0500e-003	1.0600e-003	2.0000e-005	1.0800e-003	0.0000	4.7697	4.7697	2.4000e-004	0.0000	4.7756

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0585	0.0000	0.0585	0.0236	0.0000	0.0236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2731	0.2194	4.9000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	42.8251	42.8251	0.0132	0.0000	43.1557
Total	0.0264	0.2731	0.2194	4.9000e-004	0.0585	0.0111	0.0696	0.0236	0.0103	0.0339	0.0000	42.8251	42.8251	0.0132	0.0000	43.1557

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3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-004	6.6300e-003	2.1200e-003	3.0000e-005	1.8900e-003	1.0000e-005	1.9000e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	3.0400	3.0400	2.0000e-004	0.0000	3.0449
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.9000e-004	5.7900e-003	2.0000e-005	2.1400e-003	2.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.7297	1.7297	4.0000e-005	0.0000	1.7307
Total	9.2000e-004	7.1200e-003	7.9100e-003	5.0000e-005	4.0300e-003	3.0000e-005	4.0500e-003	1.0600e-003	2.0000e-005	1.0800e-003	0.0000	4.7697	4.7697	2.4000e-004	0.0000	4.7756

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2888	2.6318	2.8109	5.1500e-003		0.1238	0.1238		0.1183	0.1183	0.0000	442.9653	442.9653	0.0800	0.0000	444.9656
Total	0.2888	2.6318	2.8109	5.1500e-003		0.1238	0.1238		0.1183	0.1183	0.0000	442.9653	442.9653	0.0800	0.0000	444.9656

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3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0150	0.5201	0.1527	1.8200e-003	0.0475	5.9000e-004	0.0481	0.0137	5.7000e-004	0.0143	0.0000	176.8131	176.8131	9.7300e-003	0.0000	177.0564
Worker	0.0719	0.0491	0.5789	1.9100e-003	0.2141	1.5200e-003	0.2156	0.0569	1.4000e-003	0.0583	0.0000	173.0870	173.0870	4.0700e-003	0.0000	173.1887
Total	0.0869	0.5692	0.7316	3.7300e-003	0.2616	2.1100e-003	0.2637	0.0706	1.9700e-003	0.0725	0.0000	349.9001	349.9001	0.0138	0.0000	350.2451

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	0.2888	2.6317	2.8109	5.1500e-003		0.1238	0.1238		0.1183	0.1183	0.0000	442.9647	442.9647	0.0800	0.0000	444.9651
Total	0.2888	2.6317	2.8109	5.1500e-003		0.1238	0.1238		0.1183	0.1183	0.0000	442.9647	442.9647	0.0800	0.0000	444.9651

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3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0150	0.5201	0.1527	1.8200e-003	0.0475	5.9000e-004	0.0481	0.0137	5.7000e-004	0.0143	0.0000	176.8131	176.8131	9.7300e-003	0.0000	177.0564
Worker	0.0719	0.0491	0.5789	1.9100e-003	0.2141	1.5200e-003	0.2156	0.0569	1.4000e-003	0.0583	0.0000	173.0870	173.0870	4.0700e-003	0.0000	173.1887
Total	0.0869	0.5692	0.7316	3.7300e-003	0.2616	2.1100e-003	0.2637	0.0706	1.9700e-003	0.0725	0.0000	349.9001	349.9001	0.0138	0.0000	350.2451

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0766	0.6957	0.7918	1.4600e-003		0.0309	0.0309		0.0295	0.0295	0.0000	125.5481	125.5481	0.0225	0.0000	126.1105
Total	0.0766	0.6957	0.7918	1.4600e-003		0.0309	0.0309		0.0295	0.0295	0.0000	125.5481	125.5481	0.0225	0.0000	126.1105

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3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1470	0.0420	5.1000e-004	0.0135	1.7000e-004	0.0136	3.8800e-003	1.6000e-004	4.0400e-003	0.0000	49.9320	49.9320	2.7100e-003	0.0000	49.9998
Worker	0.0193	0.0127	0.1530	5.2000e-004	0.0607	4.2000e-004	0.0611	0.0161	3.9000e-004	0.0165	0.0000	47.4387	47.4387	1.0600e-003	0.0000	47.4651
Total	0.0235	0.1597	0.1951	1.0300e-003	0.0741	5.9000e-004	0.0747	0.0200	5.5000e-004	0.0205	0.0000	97.3707	97.3707	3.7700e-003	0.0000	97.4649

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	0.0766	0.6957	0.7918	1.4600e-003		0.0309	0.0309		0.0295	0.0295	0.0000	125.5480	125.5480	0.0225	0.0000	126.1103
Total	0.0766	0.6957	0.7918	1.4600e-003		0.0309	0.0309		0.0295	0.0295	0.0000	125.5480	125.5480	0.0225	0.0000	126.1103

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3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1600e-003	0.1470	0.0420	5.1000e-004	0.0135	1.7000e-004	0.0136	3.8800e-003	1.6000e-004	4.0400e-003	0.0000	49.9320	49.9320	2.7100e-003	0.0000	49.9998
Worker	0.0193	0.0127	0.1530	5.2000e-004	0.0607	4.2000e-004	0.0611	0.0161	3.9000e-004	0.0165	0.0000	47.4387	47.4387	1.0600e-003	0.0000	47.4651
Total	0.0235	0.1597	0.1951	1.0300e-003	0.0741	5.9000e-004	0.0747	0.0200	5.5000e-004	0.0205	0.0000	97.3707	97.3707	3.7700e-003	0.0000	97.4649

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0388	0.3533	0.4870	8.0000e-004		0.0174	0.0174		0.0165	0.0165	0.0000	69.3323	69.3323	0.0152	0.0000	69.7133
Paving	3.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0391	0.3533	0.4870	8.0000e-004		0.0174	0.0174		0.0165	0.0165	0.0000	69.3323	69.3323	0.0152	0.0000	69.7133

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3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.9800e-003	1.3500e-003	0.0160	5.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.7678	4.7678	1.1000e-004	0.0000	4.7706
Total	1.9800e-003	1.3500e-003	0.0160	5.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.7678	4.7678	1.1000e-004	0.0000	4.7706

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	0.0388	0.3533	0.4870	8.0000e-004		0.0174	0.0174		0.0165	0.0165	0.0000	69.3322	69.3322	0.0152	0.0000	69.7133
Paving	3.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0391	0.3533	0.4870	8.0000e-004		0.0174	0.0174		0.0165	0.0165	0.0000	69.3322	69.3322	0.0152	0.0000	69.7133

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3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	1.9800e-003	1.3500e-003	0.0160	5.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.7678	4.7678	1.1000e-004	0.0000	4.7706
Total	1.9800e-003	1.3500e-003	0.0160	5.0000e-005	5.9000e-003	4.0000e-005	5.9400e-003	1.5700e-003	4.0000e-005	1.6000e-003	0.0000	4.7678	4.7678	1.1000e-004	0.0000	4.7706

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2250	2.0198	2.9714	4.9000e-003		0.0959	0.0959		0.0910	0.0910	0.0000	422.4388	422.4388	0.0926	0.0000	424.7540
Paving	1.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2268	2.0198	2.9714	4.9000e-003		0.0959	0.0959		0.0910	0.0910	0.0000	422.4388	422.4388	0.0926	0.0000	424.7540

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3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0114	7.5100e-003	0.0906	3.1000e-004	0.0359	2.5000e-004	0.0362	9.5400e-003	2.3000e-004	9.7700e-003	0.0000	28.0944	28.0944	6.3000e-004	0.0000	28.1100
Total	0.0114	7.5100e-003	0.0906	3.1000e-004	0.0359	2.5000e-004	0.0362	9.5400e-003	2.3000e-004	9.7700e-003	0.0000	28.0944	28.0944	6.3000e-004	0.0000	28.1100

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	0.2250	2.0198	2.9714	4.9000e-003		0.0959	0.0959		0.0910	0.0910	0.0000	422.4383	422.4383	0.0926	0.0000	424.7535
Paving	1.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2268	2.0198	2.9714	4.9000e-003		0.0959	0.0959		0.0910	0.0910	0.0000	422.4383	422.4383	0.0926	0.0000	424.7535

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3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	0.0114	7.5100e-003	0.0906	3.1000e-004	0.0359	2.5000e-004	0.0362	9.5400e-003	2.3000e-004	9.7700e-003	0.0000	28.0944	28.0944	6.3000e-004	0.0000	28.1100
Total	0.0114	7.5100e-003	0.0906	3.1000e-004	0.0359	2.5000e-004	0.0362	9.5400e-003	2.3000e-004	9.7700e-003	0.0000	28.0944	28.0944	6.3000e-004	0.0000	28.1100

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0522	0.4605	0.7353	1.2100e-003		0.0211	0.0211		0.0200	0.0200	0.0000	104.7799	104.7799	0.0228	0.0000	105.3508
Paving	4.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0526	0.4605	0.7353	1.2100e-003		0.0211	0.0211		0.0200	0.0200	0.0000	104.7799	104.7799	0.0228	0.0000	105.3508

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3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.7000e-003	1.7000e-003	0.0209	7.0000e-005	8.9100e-003	6.0000e-005	8.9800e-003	2.3700e-003	6.0000e-005	2.4200e-003	0.0000	6.6954	6.6954	1.4000e-004	0.0000	6.6990
Total	2.7000e-003	1.7000e-003	0.0209	7.0000e-005	8.9100e-003	6.0000e-005	8.9800e-003	2.3700e-003	6.0000e-005	2.4200e-003	0.0000	6.6954	6.6954	1.4000e-004	0.0000	6.6990

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	0.0522	0.4605	0.7353	1.2100e-003		0.0211	0.0211		0.0200	0.0200	0.0000	104.7797	104.7797	0.0228	0.0000	105.3507
Paving	4.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0526	0.4605	0.7353	1.2100e-003		0.0211	0.0211		0.0200	0.0200	0.0000	104.7797	104.7797	0.0228	0.0000	105.3507

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3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-003	1.7000e-003	0.0209	7.0000e-005	8.9100e-003	6.0000e-005	8.9800e-003	2.3700e-003	6.0000e-005	2.4200e-003	0.0000	6.6954	6.6954	1.4000e-004	0.0000	6.6990
Total	2.7000e-003	1.7000e-003	0.0209	7.0000e-005	8.9100e-003	6.0000e-005	8.9800e-003	2.3700e-003	6.0000e-005	2.4200e-003	0.0000	6.6954	6.6954	1.4000e-004	0.0000	6.6990

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3275					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0516	0.3478	0.5165	8.5000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	72.8528	72.8528	4.1000e-003	0.0000	72.9554
Total	2.3790	0.3478	0.5165	8.5000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	72.8528	72.8528	4.1000e-003	0.0000	72.9554

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3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	5.9800e-003	3.9300e-003	0.0474	1.6000e-004	0.0188	1.3000e-004	0.0189	4.9900e-003	1.2000e-004	5.1100e-003	0.0000	14.6863	14.6863	3.3000e-004	0.0000	14.6945
Total	5.9800e-003	3.9300e-003	0.0474	1.6000e-004	0.0188	1.3000e-004	0.0189	4.9900e-003	1.2000e-004	5.1100e-003	0.0000	14.6863	14.6863	3.3000e-004	0.0000	14.6945

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3275					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0516	0.3478	0.5165	8.5000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	72.8528	72.8528	4.1000e-003	0.0000	72.9553
Total	2.3790	0.3478	0.5165	8.5000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	72.8528	72.8528	4.1000e-003	0.0000	72.9553

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3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	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	5.9800e-003	3.9300e-003	0.0474	1.6000e-004	0.0188	1.3000e-004	0.0189	4.9900e-003	1.2000e-004	5.1100e-003	0.0000	14.6863	14.6863	3.3000e-004	0.0000	14.6945
Total	5.9800e-003	3.9300e-003	0.0474	1.6000e-004	0.0188	1.3000e-004	0.0189	4.9900e-003	1.2000e-004	5.1100e-003	0.0000	14.6863	14.6863	3.3000e-004	0.0000	14.6945

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3995	2.0666	4.6792	0.0198	1.8145	0.0142	1.8288	0.4861	0.0132	0.4993	0.0000	1,832.755 2	1,832.755 2	0.0814	0.0000	1,834.789 1
Unmitigated	0.3995	2.0666	4.6792	0.0198	1.8145	0.0142	1.8288	0.4861	0.0132	0.4993	0.0000	1,832.755 2	1,832.755 2	0.0814	0.0000	1,834.789 1

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	986.70	1,064.70	773.50	2,308,348	2,308,348
Hotel	1,055.01	1,138.41	827.05	2,468,156	2,468,156
Parking Lot	0.00	0.00	0.00		
Total	2,041.71	2,203.11	1,600.55	4,776,504	4,776,504

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Hotel	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Parking Lot	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

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	502.3115	502.3115	0.0302	6.2400e-003	504.9264
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	502.3115	502.3115	0.0302	6.2400e-003	504.9264
NaturalGas Mitigated	0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	332.5007	332.5007	6.3700e-003	6.1000e-003	334.4766
NaturalGas Unmitigated	0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	332.5007	332.5007	6.3700e-003	6.1000e-003	334.4766

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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					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	1.94869e+006	0.0105	0.0955	0.0802	5.7000e-004		7.2600e-003	7.2600e-003		7.2600e-003	7.2600e-003	0.0000	103.9894	103.9894	1.9900e-003	1.9100e-003	104.6074
Hotel	4.28214e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5113	228.5113	4.3800e-003	4.1900e-003	229.8693
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	332.5007	332.5007	6.3700e-003	6.1000e-003	334.4766

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	1.94869e+006	0.0105	0.0955	0.0802	5.7000e-004		7.2600e-003	7.2600e-003		7.2600e-003	7.2600e-003	0.0000	103.9894	103.9894	1.9900e-003	1.9100e-003	104.6074
Hotel	4.28214e+006	0.0231	0.2099	0.1763	1.2600e-003		0.0160	0.0160		0.0160	0.0160	0.0000	228.5113	228.5113	4.3800e-003	4.1900e-003	229.8693
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0336	0.3054	0.2566	1.8300e-003		0.0232	0.0232		0.0232	0.0232	0.0000	332.5007	332.5007	6.3700e-003	6.1000e-003	334.4766

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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			
Enclosed Parking with Elevator	618816	135.4976	8.1400e-003	1.6800e-003	136.2030
Hotel	1.13024e+006	247.4793	0.0149	3.0800e-003	248.7676
Hotel	514340	112.6212	6.7700e-003	1.4000e-003	113.2075
Parking Lot	30660	6.7134	4.0000e-004	8.0000e-005	6.7483
Total		502.3114	0.0302	6.2400e-003	504.9264

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	618816	135.4976	8.1400e-003	1.6800e-003	136.2030
Hotel	1.13024e+006	247.4793	0.0149	3.0800e-003	248.7676
Hotel	514340	112.6212	6.7700e-003	1.4000e-003	113.2075
Parking Lot	30660	6.7134	4.0000e-004	8.0000e-005	6.7483
Total		502.3114	0.0302	6.2400e-003	504.9264

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199
Unmitigated	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0870					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6699					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.8000e-004	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199
Total	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199

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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	tons/yr										MT/yr					
Architectural Coating	0.0870					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.6699					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.8000e-004	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199
Total	0.7578	9.0000e-005	9.5700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0187	0.0187	5.0000e-005	0.0000	0.0199

7.0 Water Detail

7.1 Mitigation Measures Water

Dana Point Harbor Hotels - South Coast AQMD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	23.4643	0.2236	5.5100e-003	30.6984
Unmitigated	23.4643	0.2236	5.5100e-003	30.6984

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	6.82366 / 0.758185	23.4643	0.2236	5.5100e-003	30.6984
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		23.4643	0.2236	5.5100e-003	30.6984

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	6.82366 / 0.758185	23.4643	0.2236	5.5100e-003	30.6984
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		23.4643	0.2236	5.5100e-003	30.6984

8.0 Waste Detail

8.1 Mitigation Measures Waste

Dana Point Harbor Hotels - South Coast AQMD Air District, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	29.8965	1.7668	0.0000	74.0673
Unmitigated	29.8965	1.7668	0.0000	74.0673

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	147.28	29.8965	1.7668	0.0000	74.0673
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		29.8965	1.7668	0.0000	74.0673

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	147.28	29.8965	1.7668	0.0000	74.0673
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		29.8965	1.7668	0.0000	74.0673

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
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Dana Point Harbor Hotels - South Coast AQMD Air District, Annual

11.0 Vegetation

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

Dana Point Harbor Hotels
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	264.00	Space	2.38	105,600.00	0
Parking Lot	219.00	Space	1.96	87,600.00	0
Hotel	130.00	Room	2.56	125,026.00	0
Hotel	139.00	Room	2.26	56,896.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	482.73	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

Project Characteristics - SDGE CO2 Intensity Reduction Factor is based on 33 % reduction for 2020 forecast (SDGE 2017).

Land Use - Surf Lounge Hotel 136 Rooms plus 3 dorm style rooms (48 beds), Dana Point House 130 rooms. Enclosed parking 264 spaces and surface parking 219 spaces. Total 9.16 ac.

Construction Phase - Construction would begin September 2022 until completion in April 2025.

Off-road Equipment - Additional Air Compressors added.

Off-road Equipment - Client equipment list: Cement mixers, pumps, backhoes, cranes, generator set, and welders added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Grader, Excavator, Skip Loader, Scrapers, Air Compressor, and Compactor added.

Off-road Equipment - Concrete mixers and pumps added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Drilling Rigs, Pumps, and Generator sets added.

Trips and VMT -

Demolition - Demolition of existing structures, surrounding parking lot, and boater services.

Grading - Raw cut 995 CY. Parking lot cut 58,145 CY. Fill 54,910 CY. Net export of 4,230 CY. Project size 9.16 acres.

Architectural Coating -

Vehicle Trips - 2,269 ADT of combined proposed project including boater services. 10% internal capture. 2,042 ADT.

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	40.00

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

tblConstructionPhase	NumDays	230.00	317.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	370.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	120.00	36.00
tblGrading	MaterialExported	0.00	4,230.00
tblLandUse	LandUseSquareFeet	188,760.00	125,026.00
tblLandUse	LandUseSquareFeet	201,828.00	56,896.00
tblLandUse	LotAcreage	1.97	1.96
tblLandUse	LotAcreage	4.33	2.56
tblLandUse	LotAcreage	4.63	2.26
tblOffRoadEquipment	HorsePower	9.00	81.00
tblOffRoadEquipment	LoadFactor	0.56	0.73
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	482.73

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

tblTripsAndVMT	HaulingTripNumber	529.00	264.00
tblVehicleTrips	WD_TR	8.17	7.59

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.5865	48.7759	36.1735	0.0834	7.4812	1.9622	9.4434	3.5460	1.8149	5.3608	0.0000	8,124.1796	8,124.1796	2.2884	0.0000	8,181.3890
2023	4.9585	43.0872	52.4744	0.1129	7.6204	1.8296	9.3333	3.5801	1.7435	5.1644	0.0000	10,986.9210	10,986.9210	2.2827	0.0000	11,027.5321
2024	49.2622	46.3998	62.5614	0.1312	2.7936	1.9607	4.7543	0.7497	1.8825	2.6322	0.0000	12,738.9454	12,738.9454	1.7031	0.0000	12,781.5239
2025	1.7025	14.2169	23.3238	0.0398	0.2794	0.6508	0.9302	0.0741	0.6171	0.6912	0.0000	3,792.6145	3,792.6145	0.7797	0.0000	3,812.1069
Maximum	49.2622	48.7759	62.5614	0.1312	7.6204	1.9622	9.4434	3.5801	1.8825	5.3608	0.0000	12,738.9454	12,738.9454	2.2884	0.0000	12,781.5239

Dana Point Harbor Hotels - 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	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Energy	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
Mobile	2.6280	12.1976	29.5357	0.1242	11.1756	0.0860	11.2616	2.9894	0.0798	3.0692		12,700.1919	12,700.1919	0.5428		12,713.7623
Total	6.9664	13.8719	31.0181	0.1343	11.1756	0.2134	11.3890	2.9894	0.2073	3.1967		14,708.6815	14,708.6815	0.5817	0.0368	14,734.1971

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Energy	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
Mobile	2.6280	12.1976	29.5357	0.1242	11.1756	0.0860	11.2616	2.9894	0.0798	3.0692		12,700.1919	12,700.1919	0.5428		12,713.7623
Total	6.9664	13.8719	31.0181	0.1343	11.1756	0.2134	11.3890	2.9894	0.2073	3.1967		14,708.6815	14,708.6815	0.5817	0.0368	14,734.1971

Dana Point Harbor Hotels - 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	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Site Preparation	Site Preparation	10/27/2022	11/23/2022	5	20	
3	Grading	Grading	11/24/2022	1/18/2023	5	40	
4	Building Construction	Building Construction	1/19/2023	4/5/2024	5	317	
5	Paving	Paving	11/1/2023	4/1/2025	5	370	
6	Architectural Coating	Architectural Coating	1/4/2024	5/31/2024	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 36

Acres of Paving: 4.34

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 272,883; Non-Residential Outdoor: 90,961; Striped Parking Area: 11,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	2	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

Site Preparation	Bore/Drill Rigs	2	8.00	221	0.50
Site Preparation	Generator Sets	2	8.00	84	0.74
Site Preparation	Pumps	2	8.00	84	0.74
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Air Compressors	1	8.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Skid Steer Loaders	1	8.00	65	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	81	0.73
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	8.00	78	0.48

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

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
Demolition	6	15.00	0.00	341.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	264.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	11	158.00	61.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	32.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8457	0.0000	1.8457	0.2795	0.0000	0.2795			0.0000			0.0000
Off-Road	2.6015	25.6181	19.5769	0.0368		1.2469	1.2469		1.1591	1.1591		3,548.0049	3,548.0049	0.9882		3,572.7085
Total	2.6015	25.6181	19.5769	0.0368	1.8457	1.2469	3.0925	0.2795	1.1591	1.4386		3,548.0049	3,548.0049	0.9882		3,572.7085

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0587	1.9928	0.4513	6.4500e-003	0.1490	5.7500e-003	0.1547	0.0408	5.5000e-003	0.0463		698.8411	698.8411	0.0463		699.9992
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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	0.1181	2.0299	0.9739	8.0600e-003	0.3166	6.9500e-003	0.3236	0.0853	6.6000e-003	0.0919		858.9997	858.9997	0.0504		860.2588

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8457	0.0000	1.8457	0.2795	0.0000	0.2795			0.0000			0.0000
Off-Road	2.6015	25.6181	19.5769	0.0368		1.2469	1.2469		1.1591	1.1591	0.0000	3,548.0048	3,548.0048	0.9882		3,572.7085
Total	2.6015	25.6181	19.5769	0.0368	1.8457	1.2469	3.0925	0.2795	1.1591	1.4386	0.0000	3,548.0048	3,548.0048	0.9882		3,572.7085

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0587	1.9928	0.4513	6.4500e-003	0.1490	5.7500e-003	0.1547	0.0408	5.5000e-003	0.0463		698.8411	698.8411	0.0463		699.9992
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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	0.1181	2.0299	0.9739	8.0600e-003	0.3166	6.9500e-003	0.3236	0.0853	6.6000e-003	0.0919		858.9997	858.9997	0.0504		860.2588

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.8120	16.3270	18.8979	0.0452		0.7507	0.7507		0.7390	0.7390		4,319.2599	4,319.2599	0.7137		4,337.1028
Total	1.8120	16.3270	18.8979	0.0452	0.0000	0.7507	0.7507	0.0000	0.7390	0.7390		4,319.2599	4,319.2599	0.7137		4,337.1028

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.8120	16.3270	18.8979	0.0452		0.7507	0.7507		0.7390	0.7390	0.0000	4,319.2599	4,319.2599	0.7137		4,337.1028
Total	1.8120	16.3270	18.8979	0.0452	0.0000	0.7507	0.7507	0.0000	0.7390	0.7390	0.0000	4,319.2599	4,319.2599	0.7137		4,337.1028

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595
Total	0.0594	0.0371	0.5225	1.6100e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		160.1586	160.1586	4.0400e-003		160.2595

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.4223	47.1589	34.7790	0.0752		1.9553	1.9553		1.8084	1.8084		7,262.824 2	7,262.824 2	2.2444		7,318.935 1
Total	4.4223	47.1589	34.7790	0.0752	6.9885	1.9553	8.9438	3.4151	1.8084	5.2235		7,262.824 2	7,262.824 2	2.2444		7,318.935 1

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0455	1.5428	0.3494	4.9900e-003	0.1573	4.4500e-003	0.1618	0.0419	4.2600e-003	0.0462		541.0383	541.0383	0.0359		541.9349
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	0.1188	0.0742	1.0451	3.2100e-003	0.3353	2.4000e-003	0.3377	0.0889	2.2100e-003	0.0911		320.3172	320.3172	8.0700e-003		320.5190
Total	0.1643	1.6170	1.3945	8.2000e-003	0.4927	6.8500e-003	0.4995	0.1309	6.4700e-003	0.1373		861.3555	861.3555	0.0439		862.4539

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.4223	47.1589	34.7790	0.0752		1.9553	1.9553		1.8084	1.8084	0.0000	7,262.824 2	7,262.824 2	2.2444		7,318.935 1
Total	4.4223	47.1589	34.7790	0.0752	6.9885	1.9553	8.9438	3.4151	1.8084	5.2235	0.0000	7,262.824 2	7,262.824 2	2.2444		7,318.935 1

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0455	1.5428	0.3494	4.9900e-003	0.1573	4.4500e-003	0.1618	0.0419	4.2600e-003	0.0462		541.0383	541.0383	0.0359		541.9349
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	0.1188	0.0742	1.0451	3.2100e-003	0.3353	2.4000e-003	0.3377	0.0889	2.2100e-003	0.0911		320.3172	320.3172	8.0700e-003		320.5190
Total	0.1643	1.6170	1.3945	8.2000e-003	0.4927	6.8500e-003	0.4995	0.1309	6.4700e-003	0.1373		861.3555	861.3555	0.0439		862.4539

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.0659	42.0219	33.7545	0.0752		1.7087	1.7087		1.5803	1.5803		7,262.5626	7,262.5626	2.2424		7,318.6219
Total	4.0659	42.0219	33.7545	0.0752	6.9885	1.7087	8.6972	3.4151	1.5803	4.9954		7,262.5626	7,262.5626	2.2424		7,318.6219

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0301	0.9981	0.3183	4.7800e-003	0.2966	1.8500e-003	0.2984	0.0761	1.7700e-003	0.0779		519.5768	519.5768	0.0330		520.4020
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	0.1117	0.0671	0.9651	3.0900e-003	0.3353	2.3400e-003	0.3377	0.0889	2.1500e-003	0.0911		308.3791	308.3791	7.2800e-003		308.5611
Total	0.1418	1.0652	1.2834	7.8700e-003	0.6319	4.1900e-003	0.6361	0.1650	3.9200e-003	0.1689		827.9558	827.9558	0.0403		828.9631

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.0659	42.0219	33.7545	0.0752		1.7087	1.7087		1.5803	1.5803	0.0000	7,262.5626	7,262.5626	2.2424		7,318.6218
Total	4.0659	42.0219	33.7545	0.0752	6.9885	1.7087	8.6972	3.4151	1.5803	4.9954	0.0000	7,262.5626	7,262.5626	2.2424		7,318.6218

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0301	0.9981	0.3183	4.7800e-003	0.2966	1.8500e-003	0.2984	0.0761	1.7700e-003	0.0779		519.5768	519.5768	0.0330		520.4020
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	0.1117	0.0671	0.9651	3.0900e-003	0.3353	2.3400e-003	0.3377	0.0889	2.1500e-003	0.0911		308.3791	308.3791	7.2800e-003		308.5611
Total	0.1418	1.0652	1.2834	7.8700e-003	0.6319	4.1900e-003	0.6361	0.1650	3.9200e-003	0.1689		827.9558	827.9558	0.0403		828.9631

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582		3,953.7298	3,953.7298	0.7142		3,971.5837
Total	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582		3,953.7298	3,953.7298	0.7142		3,971.5837

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1188	4.1751	1.1756	0.0149	0.3904	4.6900e-003	0.3951	0.1124	4.4900e-003	0.1169		1,597.3931	1,597.3931	0.0844		1,599.5028
Worker	0.5882	0.3536	5.0828	0.0163	1.7661	0.0123	1.7784	0.4684	0.0113	0.4797		1,624.1297	1,624.1297	0.0384		1,625.0885
Total	0.7070	4.5286	6.2584	0.0312	2.1565	0.0170	2.1735	0.5808	0.0158	0.5966		3,221.5227	3,221.5227	0.1227		3,224.5913

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	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582	0.0000	3,953.7298	3,953.7298	0.7142		3,971.5837
Total	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582	0.0000	3,953.7298	3,953.7298	0.7142		3,971.5837

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1188	4.1751	1.1756	0.0149	0.3904	4.6900e-003	0.3951	0.1124	4.4900e-003	0.1169		1,597.3931	1,597.3931	0.0844		1,599.5028
Worker	0.5882	0.3536	5.0828	0.0163	1.7661	0.0123	1.7784	0.4684	0.0113	0.4797		1,624.1297	1,624.1297	0.0384		1,625.0885
Total	0.7070	4.5286	6.2584	0.0312	2.1565	0.0170	2.1735	0.5808	0.0158	0.5966		3,221.5227	3,221.5227	0.1227		3,224.5913

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437		3,954.0894	3,954.0894	0.7084		3,971.8002
Total	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437		3,954.0894	3,954.0894	0.7084		3,971.8002

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1163	4.1647	1.1417	0.0149	0.3904	4.6500e-003	0.3951	0.1124	4.4400e-003	0.1168		1,591.6015	1,591.6015	0.0831		1,593.6784
Worker	0.5567	0.3222	4.7480	0.0158	1.7661	0.0121	1.7782	0.4684	0.0112	0.4795		1,570.8501	1,570.8501	0.0352		1,571.7291
Total	0.6730	4.4869	5.8897	0.0306	2.1565	0.0168	2.1733	0.5808	0.0156	0.5964		3,162.4516	3,162.4516	0.1182		3,165.4075

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	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437	0.0000	3,954.0894	3,954.0894	0.7084		3,971.8002
Total	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437	0.0000	3,954.0894	3,954.0894	0.7084		3,971.8002

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1163	4.1647	1.1417	0.0149	0.3904	4.6500e-003	0.3951	0.1124	4.4400e-003	0.1168		1,591.6015	1,591.6015	0.0831		1,593.6784
Worker	0.5567	0.3222	4.7480	0.0158	1.7661	0.0121	1.7782	0.4684	0.0112	0.4795		1,570.8501	1,570.8501	0.0352		1,571.7291
Total	0.6730	4.4869	5.8897	0.0306	2.1565	0.0168	2.1733	0.5808	0.0156	0.5964		3,162.4516	3,162.4516	0.1182		3,165.4075

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8059	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677		3,554.6859	3,554.6859	0.7815		3,574.2228
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8197	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677		3,554.6859	3,554.6859	0.7815		3,574.2228

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0931	0.0559	0.8042	2.5800e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		256.9825	256.9825	6.0700e-003		257.1343
Total	0.0931	0.0559	0.8042	2.5800e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		256.9825	256.9825	6.0700e-003		257.1343

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8059	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677	0.0000	3,554.6859	3,554.6859	0.7815		3,574.2228
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8197	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677	0.0000	3,554.6859	3,554.6859	0.7815		3,574.2228

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0931	0.0559	0.8042	2.5800e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		256.9825	256.9825	6.0700e-003		257.1343
Total	0.0931	0.0559	0.8042	2.5800e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		256.9825	256.9825	6.0700e-003		257.1343

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7174	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943		3,554.6490	3,554.6490	0.7793		3,574.1307
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7313	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943		3,554.6490	3,554.6490	0.7793		3,574.1307

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0881	0.0510	0.7513	2.4900e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		248.5522	248.5522	5.5600e-003		248.6913
Total	0.0881	0.0510	0.7513	2.4900e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		248.5522	248.5522	5.5600e-003		248.6913

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7174	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943	0.0000	3,554.6490	3,554.6490	0.7793		3,574.1307
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7313	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943	0.0000	3,554.6490	3,554.6490	0.7793		3,574.1307

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0881	0.0510	0.7513	2.4900e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		248.5522	248.5522	5.5600e-003		248.6913
Total	0.0881	0.0510	0.7513	2.4900e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		248.5522	248.5522	5.5600e-003		248.6913

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6049	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154		3,553.8469	3,553.8469	0.7746		3,573.2126
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6188	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154		3,553.8469	3,553.8469	0.7746		3,573.2126

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0837	0.0466	0.6983	2.3900e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		238.7676	238.7676	5.0700e-003		238.8944
Total	0.0837	0.0466	0.6983	2.3900e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		238.7676	238.7676	5.0700e-003		238.8944

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6049	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154	0.0000	3,553.8469	3,553.8469	0.7746		3,573.2126
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6188	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154	0.0000	3,553.8469	3,553.8469	0.7746		3,573.2126

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0837	0.0466	0.6983	2.3900e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		238.7676	238.7676	5.0700e-003		238.8944
Total	0.0837	0.0466	0.6983	2.3900e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		238.7676	238.7676	5.0700e-003		238.8944

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.5037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9641	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249		1,501.0563	1,501.0563	0.0845		1,503.1693
Total	44.4677	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249		1,501.0563	1,501.0563	0.0845		1,503.1693

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1128	0.0653	0.9616	3.1900e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		318.1469	318.1469	7.1200e-003		318.3249
Total	0.1128	0.0653	0.9616	3.1900e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		318.1469	318.1469	7.1200e-003		318.3249

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	43.5037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9641	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249	0.0000	1,501.0563	1,501.0563	0.0845		1,503.1693
Total	44.4677	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249	0.0000	1,501.0563	1,501.0563	0.0845		1,503.1693

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1128	0.0653	0.9616	3.1900e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		318.1469	318.1469	7.1200e-003		318.3249
Total	0.1128	0.0653	0.9616	3.1900e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		318.1469	318.1469	7.1200e-003		318.3249

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dana Point Harbor Hotels - 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	2.6280	12.1976	29.5357	0.1242	11.1756	0.0860	11.2616	2.9894	0.0798	3.0692		12,700.19 19	12,700.19 19	0.5428		12,713.76 23
Unmitigated	2.6280	12.1976	29.5357	0.1242	11.1756	0.0860	11.2616	2.9894	0.0798	3.0692		12,700.19 19	12,700.19 19	0.5428		12,713.76 23

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	986.70	1,064.70	773.50	2,308,348	2,308,348
Hotel	1,055.01	1,138.41	827.05	2,468,156	2,468,156
Parking Lot	0.00	0.00	0.00		
Total	2,041.71	2,203.11	1,600.55	4,776,504	4,776,504

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Hotel	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Parking Lot	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

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	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
NaturalGas Unmitigated	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595

Dana Point Harbor Hotels - 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					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	11731.9	0.1265	1.1502	0.9662	6.9000e-003		0.0874	0.0874		0.0874	0.0874		1,380.2226	1,380.2226	0.0265	0.0253	1,388.4245
Hotel	5338.87	0.0576	0.5234	0.4397	3.1400e-003		0.0398	0.0398		0.0398	0.0398		628.1025	628.1025	0.0120	0.0115	631.8350
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595

Dana Point Harbor Hotels - South Coast AQMD Air District, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	11.7319	0.1265	1.1502	0.9662	6.9000e-003		0.0874	0.0874		0.0874	0.0874		1,380.2226	1,380.2226	0.0265	0.0253	1,388.4245	
Hotel	5.33887	0.0576	0.5234	0.4397	3.1400e-003		0.0398	0.0398		0.0398	0.0398		628.1025	628.1025	0.0120	0.0115	631.8350	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	
Total		0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595	

6.0 Area Detail

6.1 Mitigation Measures Area

Dana Point Harbor Hotels - 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	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Unmitigated	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

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	0.4768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.6705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0500e-003	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Total	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

Dana Point Harbor Hotels - 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	0.4768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.6705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0500e-003	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Total	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

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

Dana Point Harbor Hotels - South Coast AQMD Air District, 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

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

Dana Point Harbor Hotels
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	264.00	Space	2.38	105,600.00	0
Parking Lot	219.00	Space	1.96	87,600.00	0
Hotel	130.00	Room	2.56	125,026.00	0
Hotel	139.00	Room	2.26	56,896.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	482.73	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

Project Characteristics - SDGE CO2 Intensity Reduction Factor is based on 33 % reduction for 2020 forecast (SDGE 2017).

Land Use - Surf Lounge Hotel 136 Rooms plus 3 dorm style rooms (48 beds), Dana Point House 130 rooms. Enclosed parking 264 spaces and surface parking 219 spaces. Total 9.16 ac.

Construction Phase - Construction would begin September 2022 until completion in April 2025.

Off-road Equipment - Additional Air Compressors added.

Off-road Equipment - Client equipment list: Cement mixers, pumps, backhoes, cranes, generator set, and welders added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Grader, Excavator, Skip Loader, Scrapers, Air Compressor, and Compactor added.

Off-road Equipment - Concrete mixers and pumps added.

Off-road Equipment - Client equipment list: Excavators and Front End Loader added.

Off-road Equipment - Client equipment list: Drilling Rigs, Pumps, and Generator sets added.

Trips and VMT -

Demolition - Demolition of existing structures, surrounding parking lot, and boater services.

Grading - Raw cut 995 CY. Parking lot cut 58,145 CY. Fill 54,910 CY. Net export of 4,230 CY. Project size 9.16 acres.

Architectural Coating -

Vehicle Trips - 2,269 ADT of combined proposed project including boater services. 10% internal capture. 2,042 ADT.

Area Coating -

Energy Use -

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	40.00

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

tblConstructionPhase	NumDays	230.00	317.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	370.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	AcresOfGrading	120.00	36.00
tblGrading	MaterialExported	0.00	4,230.00
tblLandUse	LandUseSquareFeet	188,760.00	125,026.00
tblLandUse	LandUseSquareFeet	201,828.00	56,896.00
tblLandUse	LotAcreage	1.97	1.96
tblLandUse	LotAcreage	4.33	2.56
tblLandUse	LotAcreage	4.63	2.26
tblOffRoadEquipment	HorsePower	9.00	81.00
tblOffRoadEquipment	LoadFactor	0.56	0.73
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	482.73

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

tblTripsAndVMT	HaulingTripNumber	529.00	264.00
tblVehicleTrips	WD_TR	8.17	7.59

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.5992	48.7995	36.0907	0.0831	7.4812	1.9622	9.4434	3.5460	1.8149	5.3609	0.0000	8,093.3309	8,093.3309	2.2893	0.0000	8,150.5632
2023	5.0321	43.0981	51.9739	0.1112	7.6204	1.8298	9.3333	3.5801	1.7438	5.1644	0.0000	10,819.1943	10,819.1943	2.2833	0.0000	10,859.8665
2024	49.3457	46.4154	61.9865	0.1294	2.7936	1.9609	4.7545	0.7497	1.8827	2.6324	0.0000	12,554.8119	12,554.8119	1.7051	0.0000	12,597.4400
2025	1.7113	14.2213	23.2488	0.0396	0.2794	0.6508	0.9302	0.0741	0.6171	0.6912	0.0000	3,777.0978	3,777.0978	0.7793	0.0000	3,796.5811
Maximum	49.3457	48.7995	61.9865	0.1294	7.6204	1.9622	9.4434	3.5801	1.8827	5.3609	0.0000	12,554.8119	12,554.8119	2.2893	0.0000	12,597.4400

Dana Point Harbor Hotels - 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	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Energy	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
Mobile	2.4762	12.3044	27.9311	0.1176	11.1756	0.0864	11.2620	2.9894	0.0802	3.0696		12,027.5229	12,027.5229	0.5481		12,041.2253
Total	6.8146	13.9787	29.4135	0.1276	11.1756	0.2139	11.3895	2.9894	0.2077	3.1971		14,036.0126	14,036.0126	0.5870	0.0368	14,061.6601

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Energy	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
Mobile	2.4762	12.3044	27.9311	0.1176	11.1756	0.0864	11.2620	2.9894	0.0802	3.0696		12,027.5229	12,027.5229	0.5481		12,041.2253
Total	6.8146	13.9787	29.4135	0.1276	11.1756	0.2139	11.3895	2.9894	0.2077	3.1971		14,036.0126	14,036.0126	0.5870	0.0368	14,061.6601

Dana Point Harbor Hotels - 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	Demolition	Demolition	9/1/2022	10/26/2022	5	40	
2	Site Preparation	Site Preparation	10/27/2022	11/23/2022	5	20	
3	Grading	Grading	11/24/2022	1/18/2023	5	40	
4	Building Construction	Building Construction	1/19/2023	4/5/2024	5	317	
5	Paving	Paving	11/1/2023	4/1/2025	5	370	
6	Architectural Coating	Architectural Coating	1/4/2024	5/31/2024	5	40	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 36

Acres of Paving: 4.34

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 272,883; Non-Residential Outdoor: 90,961; Striped Parking Area: 11,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	2	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

Site Preparation	Bore/Drill Rigs	2	8.00	221	0.50
Site Preparation	Generator Sets	2	8.00	84	0.74
Site Preparation	Pumps	2	8.00	84	0.74
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Air Compressors	1	8.00	78	0.48
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	2	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Skid Steer Loaders	1	8.00	65	0.37
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cement and Mortar Mixers	1	8.00	81	0.73
Building Construction	Cranes	2	7.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	4	8.00	78	0.48

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

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
Demolition	6	15.00	0.00	341.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	264.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	11	158.00	61.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	10	25.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	4	32.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8457	0.0000	1.8457	0.2795	0.0000	0.2795			0.0000			0.0000
Off-Road	2.6015	25.6181	19.5769	0.0368		1.2469	1.2469		1.1591	1.1591		3,548.0049	3,548.0049	0.9882		3,572.7085
Total	2.6015	25.6181	19.5769	0.0368	1.8457	1.2469	3.0925	0.2795	1.1591	1.4386		3,548.0049	3,548.0049	0.9882		3,572.7085

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0604	2.0141	0.4833	6.3300e-003	0.1490	5.8400e-003	0.1548	0.0408	5.5900e-003	0.0464		685.8049	685.8049	0.0482		687.0105
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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	0.1255	2.0547	0.9520	7.8300e-003	0.3166	7.0400e-003	0.3237	0.0853	6.6900e-003	0.0920		835.5854	835.5854	0.0520		836.8850

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.8457	0.0000	1.8457	0.2795	0.0000	0.2795			0.0000			0.0000
Off-Road	2.6015	25.6181	19.5769	0.0368		1.2469	1.2469		1.1591	1.1591	0.0000	3,548.0048	3,548.0048	0.9882		3,572.7085
Total	2.6015	25.6181	19.5769	0.0368	1.8457	1.2469	3.0925	0.2795	1.1591	1.4386	0.0000	3,548.0048	3,548.0048	0.9882		3,572.7085

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0604	2.0141	0.4833	6.3300e-003	0.1490	5.8400e-003	0.1548	0.0408	5.5900e-003	0.0464		685.8049	685.8049	0.0482		687.0105
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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	0.1255	2.0547	0.9520	7.8300e-003	0.3166	7.0400e-003	0.3237	0.0853	6.6900e-003	0.0920		835.5854	835.5854	0.0520		836.8850

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.8120	16.3270	18.8979	0.0452		0.7507	0.7507		0.7390	0.7390		4,319.2599	4,319.2599	0.7137		4,337.1028
Total	1.8120	16.3270	18.8979	0.0452	0.0000	0.7507	0.7507	0.0000	0.7390	0.7390		4,319.2599	4,319.2599	0.7137		4,337.1028

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.8120	16.3270	18.8979	0.0452		0.7507	0.7507		0.7390	0.7390	0.0000	4,319.2599	4,319.2599	0.7137		4,337.1028
Total	1.8120	16.3270	18.8979	0.0452	0.0000	0.7507	0.7507	0.0000	0.7390	0.7390	0.0000	4,319.2599	4,319.2599	0.7137		4,337.1028

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745
Total	0.0651	0.0406	0.4687	1.5000e-003	0.1677	1.2000e-003	0.1689	0.0445	1.1000e-003	0.0456		149.7805	149.7805	3.7600e-003		149.8745

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.4223	47.1589	34.7790	0.0752		1.9553	1.9553		1.8084	1.8084		7,262.8242	7,262.8242	2.2444		7,318.9351
Total	4.4223	47.1589	34.7790	0.0752	6.9885	1.9553	8.9438	3.4151	1.8084	5.2235		7,262.8242	7,262.8242	2.2444		7,318.9351

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0468	1.5593	0.3742	4.9000e-003	0.1573	4.5200e-003	0.1619	0.0419	4.3200e-003	0.0462		530.9458	530.9458	0.0373		531.8791
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	0.1301	0.0812	0.9374	3.0100e-003	0.3353	2.4000e-003	0.3377	0.0889	2.2100e-003	0.0911		299.5610	299.5610	7.5200e-003		299.7489
Total	0.1769	1.6405	1.3116	7.9100e-003	0.4927	6.9200e-003	0.4996	0.1309	6.5300e-003	0.1374		830.5067	830.5067	0.0449		831.6281

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.4223	47.1589	34.7790	0.0752		1.9553	1.9553		1.8084	1.8084	0.0000	7,262.824 2	7,262.824 2	2.2444		7,318.935 1
Total	4.4223	47.1589	34.7790	0.0752	6.9885	1.9553	8.9438	3.4151	1.8084	5.2235	0.0000	7,262.824 2	7,262.824 2	2.2444		7,318.935 1

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0468	1.5593	0.3742	4.9000e-003	0.1573	4.5200e-003	0.1619	0.0419	4.3200e-003	0.0462		530.9458	530.9458	0.0373		531.8791
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	0.1301	0.0812	0.9374	3.0100e-003	0.3353	2.4000e-003	0.3377	0.0889	2.2100e-003	0.0911		299.5610	299.5610	7.5200e-003		299.7489
Total	0.1769	1.6405	1.3116	7.9100e-003	0.4927	6.9200e-003	0.4996	0.1309	6.5300e-003	0.1374		830.5067	830.5067	0.0449		831.6281

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.0659	42.0219	33.7545	0.0752		1.7087	1.7087		1.5803	1.5803		7,262.5626	7,262.5626	2.2424		7,318.6219
Total	4.0659	42.0219	33.7545	0.0752	6.9885	1.7087	8.6972	3.4151	1.5803	4.9954		7,262.5626	7,262.5626	2.2424		7,318.6219

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0310	1.0028	0.3350	4.7000e-003	0.2966	1.9000e-003	0.2985	0.0761	1.8200e-003	0.0779		509.9525	509.9525	0.0341		510.8061
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	0.1227	0.0734	0.8640	2.8900e-003	0.3353	2.3400e-003	0.3377	0.0889	2.1500e-003	0.0911		288.3889	288.3889	6.7700e-003		288.5583
Total	0.1537	1.0762	1.1989	7.5900e-003	0.6319	4.2400e-003	0.6361	0.1650	3.9700e-003	0.1690		798.3415	798.3415	0.0409		799.3644

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9885	0.0000	6.9885	3.4151	0.0000	3.4151			0.0000			0.0000
Off-Road	4.0659	42.0219	33.7545	0.0752		1.7087	1.7087		1.5803	1.5803	0.0000	7,262.5626	7,262.5626	2.2424		7,318.6218
Total	4.0659	42.0219	33.7545	0.0752	6.9885	1.7087	8.6972	3.4151	1.5803	4.9954	0.0000	7,262.5626	7,262.5626	2.2424		7,318.6218

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0310	1.0028	0.3350	4.7000e-003	0.2966	1.9000e-003	0.2985	0.0761	1.8200e-003	0.0779		509.9525	509.9525	0.0341		510.8061
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	0.1227	0.0734	0.8640	2.8900e-003	0.3353	2.3400e-003	0.3377	0.0889	2.1500e-003	0.0911		288.3889	288.3889	6.7700e-003		288.5583
Total	0.1537	1.0762	1.1989	7.5900e-003	0.6319	4.2400e-003	0.6361	0.1650	3.9700e-003	0.1690		798.3415	798.3415	0.0409		799.3644

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582		3,953.7298	3,953.7298	0.7142		3,971.5837
Total	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582		3,953.7298	3,953.7298	0.7142		3,971.5837

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1251	4.1483	1.2918	0.0145	0.3904	4.9200e-003	0.3953	0.1124	4.7100e-003	0.1171		1,551.6061	1,551.6061	0.0899		1,553.8543
Worker	0.6463	0.3868	4.5503	0.0152	1.7661	0.0123	1.7784	0.4684	0.0113	0.4797		1,518.8484	1,518.8484	0.0357		1,519.7404
Total	0.7714	4.5351	5.8421	0.0297	2.1565	0.0172	2.1737	0.5808	0.0160	0.5968		3,070.4545	3,070.4545	0.1256		3,073.5947

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	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582	0.0000	3,953.7298	3,953.7298	0.7142		3,971.5837
Total	2.3387	21.3097	22.7603	0.0417		1.0022	1.0022		0.9582	0.9582	0.0000	3,953.7298	3,953.7298	0.7142		3,971.5837

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1251	4.1483	1.2918	0.0145	0.3904	4.9200e-003	0.3953	0.1124	4.7100e-003	0.1171		1,551.6061	1,551.6061	0.0899		1,553.8543
Worker	0.6463	0.3868	4.5503	0.0152	1.7661	0.0123	1.7784	0.4684	0.0113	0.4797		1,518.8484	1,518.8484	0.0357		1,519.7404
Total	0.7714	4.5351	5.8421	0.0297	2.1565	0.0172	2.1737	0.5808	0.0160	0.5968		3,070.4545	3,070.4545	0.1256		3,073.5947

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437		3,954.0894	3,954.0894	0.7084		3,971.8002
Total	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437		3,954.0894	3,954.0894	0.7084		3,971.8002

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1224	4.1392	1.2548	0.0145	0.3904	4.8500e-003	0.3953	0.1124	4.6400e-003	0.1170		1,546.3289	1,546.3289	0.0885		1,548.5400
Worker	0.6135	0.3523	4.2425	0.0147	1.7661	0.0121	1.7782	0.4684	0.0112	0.4795		1,468.8036	1,468.8036	0.0327		1,469.6203
Total	0.7359	4.4916	5.4972	0.0292	2.1565	0.0170	2.1735	0.5808	0.0158	0.5966		3,015.1324	3,015.1324	0.1211		3,018.1603

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	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437	0.0000	3,954.0894	3,954.0894	0.7084		3,971.8002
Total	2.1894	19.8784	22.6227	0.0417		0.8829	0.8829		0.8437	0.8437	0.0000	3,954.0894	3,954.0894	0.7084		3,971.8002

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.1224	4.1392	1.2548	0.0145	0.3904	4.8500e-003	0.3953	0.1124	4.6400e-003	0.1170		1,546.3289	1,546.3289	0.0885			1,548.5400
Worker	0.6135	0.3523	4.2425	0.0147	1.7661	0.0121	1.7782	0.4684	0.0112	0.4795		1,468.8036	1,468.8036	0.0327			1,469.6203
Total	0.7359	4.4916	5.4972	0.0292	2.1565	0.0170	2.1735	0.5808	0.0158	0.5966		3,015.1324	3,015.1324	0.1211			3,018.1603

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.8059	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677		3,554.6859	3,554.6859	0.7815			3,574.2228
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.8197	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677		3,554.6859	3,554.6859	0.7815			3,574.2228

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1023	0.0612	0.7200	2.4100e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		240.3241	240.3241	5.6500e-003		240.4653
Total	0.1023	0.0612	0.7200	2.4100e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		240.3241	240.3241	5.6500e-003		240.4653

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8059	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677	0.0000	3,554.6859	3,554.6859	0.7815		3,574.2228
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8197	16.4337	22.6515	0.0374		0.8085	0.8085		0.7677	0.7677	0.0000	3,554.6859	3,554.6859	0.7815		3,574.2228

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1023	0.0612	0.7200	2.4100e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		240.3241	240.3241	5.6500e-003		240.4653
Total	0.1023	0.0612	0.7200	2.4100e-003	0.2794	1.9500e-003	0.2814	0.0741	1.7900e-003	0.0759		240.3241	240.3241	5.6500e-003		240.4653

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7174	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943		3,554.6490	3,554.6490	0.7793		3,574.1307
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7313	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943		3,554.6490	3,554.6490	0.7793		3,574.1307

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0971	0.0558	0.6713	2.3300e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		232.4056	232.4056	5.1700e-003		232.5349
Total	0.0971	0.0558	0.6713	2.3300e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		232.4056	232.4056	5.1700e-003		232.5349

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7174	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943	0.0000	3,554.6490	3,554.6490	0.7793		3,574.1307
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7313	15.4180	22.6821	0.0374		0.7318	0.7318		0.6943	0.6943	0.0000	3,554.6490	3,554.6490	0.7793		3,574.1307

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0971	0.0558	0.6713	2.3300e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		232.4056	232.4056	5.1700e-003		232.5349
Total	0.0971	0.0558	0.6713	2.3300e-003	0.2794	1.9200e-003	0.2814	0.0741	1.7700e-003	0.0759		232.4056	232.4056	5.1700e-003		232.5349

3.6 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6049	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154		3,553.8469	3,553.8469	0.7746		3,573.2126
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6188	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154		3,553.8469	3,553.8469	0.7746		3,573.2126

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0925	0.0510	0.6233	2.2400e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		223.2509	223.2509	4.7100e-003		223.3686
Total	0.0925	0.0510	0.6233	2.2400e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		223.2509	223.2509	4.7100e-003		223.3686

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6049	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154	0.0000	3,553.8469	3,553.8469	0.7746		3,573.2126
Paving	0.0139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.6188	14.1703	22.6255	0.0374		0.6489	0.6489		0.6154	0.6154	0.0000	3,553.8469	3,553.8469	0.7746		3,573.2126

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.6 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.0925	0.0510	0.6233	2.2400e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		223.2509	223.2509	4.7100e-003		223.3686
Total	0.0925	0.0510	0.6233	2.2400e-003	0.2794	1.8800e-003	0.2813	0.0741	1.7300e-003	0.0758		223.2509	223.2509	4.7100e-003		223.3686

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.5037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9641	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249		1,501.0563	1,501.0563	0.0845		1,503.1693
Total	44.4677	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249		1,501.0563	1,501.0563	0.0845		1,503.1693

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1243	0.0714	0.8592	2.9800e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		297.4792	297.4792	6.6200e-003		297.6446
Total	0.1243	0.0714	0.8592	2.9800e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		297.4792	297.4792	6.6200e-003		297.6446

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	43.5037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.9641	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249	0.0000	1,501.0563	1,501.0563	0.0845		1,503.1693
Total	44.4677	6.5003	9.6540	0.0159		0.3249	0.3249		0.3249	0.3249	0.0000	1,501.0563	1,501.0563	0.0845		1,503.1693

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	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	0.1243	0.0714	0.8592	2.9800e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		297.4792	297.4792	6.6200e-003		297.6446
Total	0.1243	0.0714	0.8592	2.9800e-003	0.3577	2.4600e-003	0.3601	0.0949	2.2600e-003	0.0971		297.4792	297.4792	6.6200e-003		297.6446

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Dana Point Harbor Hotels - 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	2.4762	12.3044	27.9311	0.1176	11.1756	0.0864	11.2620	2.9894	0.0802	3.0696		12,027.52 29	12,027.52 29	0.5481		12,041.22 53
Unmitigated	2.4762	12.3044	27.9311	0.1176	11.1756	0.0864	11.2620	2.9894	0.0802	3.0696		12,027.52 29	12,027.52 29	0.5481		12,041.22 53

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	986.70	1,064.70	773.50	2,308,348	2,308,348
Hotel	1,055.01	1,138.41	827.05	2,468,156	2,468,156
Parking Lot	0.00	0.00	0.00		
Total	2,041.71	2,203.11	1,600.55	4,776,504	4,776,504

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Hotel	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Parking Lot	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

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	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595
NaturalGas Unmitigated	0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595

Dana Point Harbor Hotels - 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						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	11731.9	0.1265	1.1502	0.9662	6.9000e-003		0.0874	0.0874		0.0874	0.0874		1,380.2226	1,380.2226	0.0265	0.0253	1,388.4245	
Hotel	5338.87	0.0576	0.5234	0.4397	3.1400e-003		0.0398	0.0398		0.0398	0.0398		628.1025	628.1025	0.0120	0.0115	631.8350	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595	

Dana Point Harbor Hotels - South Coast AQMD Air District, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	lb/day										lb/day						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	11.7319	0.1265	1.1502	0.9662	6.9000e-003		0.0874	0.0874		0.0874	0.0874		1,380.2226	1,380.2226	0.0265	0.0253	1,388.4245	
Hotel	5.33887	0.0576	0.5234	0.4397	3.1400e-003		0.0398	0.0398		0.0398	0.0398		628.1025	628.1025	0.0120	0.0115	631.8350	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1841	1.6736	1.4058	0.0100		0.1272	0.1272		0.1272	0.1272		2,008.3251	2,008.3251	0.0385	0.0368	2,020.2595	

6.0 Area Detail

6.1 Mitigation Measures Area

Dana Point Harbor Hotels - 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	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Unmitigated	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

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	0.4768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.6705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0500e-003	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Total	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

Dana Point Harbor Hotels - 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	0.4768					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.6705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0500e-003	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753
Total	4.1543	6.9000e-004	0.0766	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1646	0.1646	4.3000e-004		0.1753

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

Dana Point Harbor Hotels - South Coast AQMD Air District, 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

DANA POINT HARBOR HOTELS CALEEMOD
NO BUILD SCENARIO

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

**Dana Point Hotels Project - No Build
South Coast Air Basin, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	136.00	Room	4.53	197,472.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Existing Dana Point Marina Inn.

Construction Phase - No construction activity.

Off-road Equipment - No construction activity.

Energy Use - Historical Data used to represent no build alternative.

Trips and VMT -

Vehicle Trips - Existing 1,108 ADT.

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	0.00
tblConstructionPhase	PhaseEndDate	12/7/2020	11/30/2020
tblEnergyUse	LightingElect	3.71	3.03
tblEnergyUse	T24E	3.64	2.77
tblEnergyUse	T24NG	31.09	29.10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblVehicleTrips	WD_TR	8.17	8.16

2.0 Emissions Summary

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003
Energy	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	944.3233	944.3233	0.0304	0.0115	948.5029
Mobile	0.3152	1.6018	3.7925	0.0123	0.9669	0.0127	0.9796	0.2591	0.0119	0.2710	0.0000	1,131.9163	1,131.9163	0.0608	0.0000	1,133.4354
Waste						0.0000	0.0000		0.0000	0.0000	15.1147	0.0000	15.1147	0.8933	0.0000	37.4461
Water						0.0000	0.0000		0.0000	0.0000	1.0945	16.0723	17.1668	0.1131	2.7900e-003	20.8242
Total	1.1570	1.9333	4.0727	0.0143	0.9669	0.0379	1.0048	0.2591	0.0371	0.2962	16.2092	2,092.3153	2,108.5245	1.0975	0.0143	2,140.2122

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003
Energy	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	944.3233	944.3233	0.0304	0.0115	948.5029
Mobile	0.3152	1.6018	3.7925	0.0123	0.9669	0.0127	0.9796	0.2591	0.0119	0.2710	0.0000	1,131.9163	1,131.9163	0.0608	0.0000	1,133.4354
Waste						0.0000	0.0000		0.0000	0.0000	15.1147	0.0000	15.1147	0.8933	0.0000	37.4461
Water						0.0000	0.0000		0.0000	0.0000	1.0945	16.0723	17.1668	0.1131	2.7900e-003	20.8242
Total	1.1570	1.9333	4.0727	0.0143	0.9669	0.0379	1.0048	0.2591	0.0371	0.2962	16.2092	2,092.3153	2,108.5245	1.0975	0.0143	2,140.2122

	ROG	NOx	CO	SO2	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	Site Preparation	Site Preparation	12/1/2020	11/30/2020	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Site Preparation - 2020

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

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	0.3152	1.6018	3.7925	0.0123	0.9669	0.0127	0.9796	0.2591	0.0119	0.2710	0.0000	1,131.9163	1,131.9163	0.0608	0.0000	1,133.4354
Unmitigated	0.3152	1.6018	3.7925	0.0123	0.9669	0.0127	0.9796	0.2591	0.0119	0.2710	0.0000	1,131.9163	1,131.9163	0.0608	0.0000	1,133.4354

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,109.08	1,113.84	809.20	2,545,854	2,545,854
Total	1,109.08	1,113.84	809.20	2,545,854	2,545,854

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955

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5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	583.4017	583.4017	0.0235	4.8600e-003	585.4365
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	583.4017	583.4017	0.0235	4.8600e-003	585.4365
NaturalGas Mitigated	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664
NaturalGas Unmitigated	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hotel	6.76342e+006	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664
Total		0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664

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					
Hotel	6.76342e+006	0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664
Total		0.0365	0.3315	0.2785	1.9900e-003		0.0252	0.0252		0.0252	0.0252	0.0000	360.9216	360.9216	6.9200e-003	6.6200e-003	363.0664

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	1.78515e+006	583.4017	0.0235	4.8600e-003	585.4365
Total		583.4017	0.0235	4.8600e-003	585.4365

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	1.78515e+006	583.4017	0.0235	4.8600e-003	585.4365
Total		583.4017	0.0235	4.8600e-003	585.4365

6.0 Area Detail

6.1 Mitigation Measures Area

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003
Unmitigated	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0915					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003
Total	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003

Dana Point Hotels Project - No Build - South Coast 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	0.0915					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003
Total	0.8053	2.0000e-005	1.7500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3800e-003	3.3800e-003	1.0000e-005	0.0000	3.6000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	17.1668	0.1131	2.7900e-003	20.8242
Unmitigated	17.1668	0.1131	2.7900e-003	20.8242

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	3.44988 / 0.38332	17.1668	0.1131	2.7900e-003	20.8242
Total		17.1668	0.1131	2.7900e-003	20.8242

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	3.44988 / 0.38332	17.1668	0.1131	2.7900e-003	20.8242
Total		17.1668	0.1131	2.7900e-003	20.8242

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	15.1147	0.8933	0.0000	37.4461
Unmitigated	15.1147	0.8933	0.0000	37.4461

Dana Point Hotels Project - No Build - South Coast Air Basin, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	74.46	15.1147	0.8933	0.0000	37.4461
Total		15.1147	0.8933	0.0000	37.4461

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	74.46	15.1147	0.8933	0.0000	37.4461
Total		15.1147	0.8933	0.0000	37.4461

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Dana Point Hotels Project - No Build - South Coast 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

Dana Point Hotels Project - No Build - South Coast Air Basin, Summer

Dana Point Hotels Project - No Build
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	136.00	Room	4.53	197,472.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Existing Dana Point Marina Inn.

Construction Phase - No construction activity.

Off-road Equipment - No construction activity.

Energy Use - Historical Data used to represent no build alternative.

Trips and VMT -

Vehicle Trips - Existing 1,108 ADT.

Dana Point Hotels Project - No Build - South Coast Air Basin, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	0.00
tblConstructionPhase	PhaseEndDate	12/7/2020	11/30/2020
tblEnergyUse	LightingElect	3.71	3.03
tblEnergyUse	T24E	3.64	2.77
tblEnergyUse	T24NG	31.09	29.10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblVehicleTrips	WD_TR	8.17	8.16

2.0 Emissions Summary

Dana Point Hotels Project - No Build - South Coast 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	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Energy	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Mobile	1.9380	8.8557	22.4892	0.0733	5.6488	0.0724	5.7213	1.5113	0.0680	1.5793		7,444.8916	7,444.8916	0.3856		7,454.5316
Total	6.5506	10.6725	24.0291	0.0842	5.6488	0.2106	5.8594	1.5113	0.2061	1.7174		9,624.9104	9,624.9104	0.4275	0.0400	9,647.5070

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Energy	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Mobile	1.9380	8.8557	22.4892	0.0733	5.6488	0.0724	5.7213	1.5113	0.0680	1.5793		7,444.8916	7,444.8916	0.3856		7,454.5316
Total	6.5506	10.6725	24.0291	0.0842	5.6488	0.2106	5.8594	1.5113	0.2061	1.7174		9,624.9104	9,624.9104	0.4275	0.0400	9,647.5070

Dana Point Hotels Project - No Build - South Coast 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	0.00	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	Site Preparation	Site Preparation	12/1/2020	11/30/2020	5	0	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Dana Point Hotels Project - No Build - South Coast Air Basin, Summer

3.2 Site Preparation - 2020

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Dana Point Hotels Project - No Build - South Coast Air Basin, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.9380	8.8557	22.4892	0.0733	5.6488	0.0724	5.7213	1.5113	0.0680	1.5793		7,444.8916	7,444.8916	0.3856		7,454.5316
Unmitigated	1.9380	8.8557	22.4892	0.0733	5.6488	0.0724	5.7213	1.5113	0.0680	1.5793		7,444.8916	7,444.8916	0.3856		7,454.5316

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,109.08	1,113.84	809.20	2,545,854	2,545,854
Total	1,109.08	1,113.84	809.20	2,545,854	2,545,854

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955

Dana Point Hotels Project - No Build - South Coast Air Basin, Summer

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
NaturalGas Unmitigated	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

Dana Point Hotels Project - No Build - South Coast 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					
Hotel	18529.9	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Total		0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

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	18.5299	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Total		0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

6.0 Area Detail

6.1 Mitigation Measures Area

Dana Point Hotels Project - No Build - South Coast 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	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Unmitigated	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

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	0.5015					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.9100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3100e-003	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Total	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

Dana Point Hotels Project - No Build - South Coast 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	0.5015					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.9100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3100e-003	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Total	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

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

Dana Point Hotels Project - No Build - South Coast 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

Dana Point Hotels Project - No Build - South Coast Air Basin, Winter

Dana Point Hotels Project - No Build
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	136.00	Room	4.53	197,472.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Existing Dana Point Marina Inn.

Construction Phase - No construction activity.

Off-road Equipment - No construction activity.

Energy Use - Historical Data used to represent no build alternative.

Trips and VMT -

Vehicle Trips - Existing 1,108 ADT.

Dana Point Hotels Project - No Build - South Coast Air Basin, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	0.00
tblConstructionPhase	PhaseEndDate	12/7/2020	11/30/2020
tblEnergyUse	LightingElect	3.71	3.03
tblEnergyUse	T24E	3.64	2.77
tblEnergyUse	T24NG	31.09	29.10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblVehicleTrips	WD_TR	8.17	8.16

2.0 Emissions Summary

Dana Point Hotels Project - No Build - South Coast 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	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Energy	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Mobile	1.8633	9.0206	21.5161	0.0694	5.6488	0.0730	5.7218	1.5113	0.0685	1.5798		7,056.7693	7,056.7693	0.3873		7,066.4511
Total	6.4759	10.8373	23.0561	0.0803	5.6488	0.2111	5.8599	1.5113	0.2066	1.7179		9,236.7881	9,236.7881	0.4291	0.0400	9,259.4265

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Energy	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Mobile	1.8633	9.0206	21.5161	0.0694	5.6488	0.0730	5.7218	1.5113	0.0685	1.5798		7,056.7693	7,056.7693	0.3873		7,066.4511
Total	6.4759	10.8373	23.0561	0.0803	5.6488	0.2111	5.8599	1.5113	0.2066	1.7179		9,236.7881	9,236.7881	0.4291	0.0400	9,259.4265

Dana Point Hotels Project - No Build - South Coast 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	0.00	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	Site Preparation	Site Preparation	12/1/2020	11/30/2020	5	0	

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Dana Point Hotels Project - No Build - South Coast Air Basin, Winter

3.2 Site Preparation - 2020

Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Dana Point Hotels Project - No Build - South Coast Air Basin, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8633	9.0206	21.5161	0.0694	5.6488	0.0730	5.7218	1.5113	0.0685	1.5798		7,056.7693	7,056.7693	0.3873		7,066.4511
Unmitigated	1.8633	9.0206	21.5161	0.0694	5.6488	0.0730	5.7218	1.5113	0.0685	1.5798		7,056.7693	7,056.7693	0.3873		7,066.4511

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,109.08	1,113.84	809.20	2,545,854	2,545,854
Total	1,109.08	1,113.84	809.20	2,545,854	2,545,854

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.550339	0.043800	0.200255	0.122233	0.016799	0.005871	0.020633	0.029727	0.002027	0.001932	0.004726	0.000704	0.000955

Dana Point Hotels Project - No Build - South Coast Air Basin, Winter

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
NaturalGas Unmitigated	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

Dana Point Hotels Project - No Build - South Coast Air Basin, 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	18529.9	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Total		0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

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	18.5299	0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436
Total		0.1998	1.8167	1.5260	0.0109		0.1381	0.1381		0.1381	0.1381		2,179.9890	2,179.9890	0.0418	0.0400	2,192.9436

6.0 Area Detail

6.1 Mitigation Measures Area

Dana Point Hotels Project - No Build - South Coast 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	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Unmitigated	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

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	0.5015					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.9100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3100e-003	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Total	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

Dana Point Hotels Project - No Build - South Coast Air Basin, 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	0.5015					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.9100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3100e-003	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318
Total	4.4128	1.3000e-004	0.0140	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0298	0.0298	8.0000e-005		0.0318

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

Dana Point Hotels Project - No Build - South Coast 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



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