

APPENDIX B

Air Quality & Greenhouse Gas Emissions Data from California Emissions Estimator Model (CalEEMod)

Morrison Hotel - Los Angeles-South Coast County, Summer

Morrison Hotel
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	222.00	Space	0.96	103,667.00	0
Other Non-Asphalt Surfaces	2.86	1000sqft	0.07	2,863.00	0
High Turnover (Sit Down Restaurant)	9.85	1000sqft	0.00	9,848.00	0
Hotel	444.00	Room	0.22	230,011.00	0
Quality Restaurant	13.05	1000sqft	0.00	13,052.00	0
Apartments High Rise	136.00	Dwelling Unit	0.00	156,301.00	389
Movie Theater (No Matinee)	11.09	1000sqft	0.00	11,091.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Morrison Hotel - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Net site area= 54,591 SF (1.253 ac). Ftpnt = aprx 1.18 ac. 136 apts/156,301 SF of residntl. 444 hotel rm/230,011 SF. 9,848 SF HT restrnt. 13,052 SF Qlty restrnt., 2,863 SF Indpg.222 pk sp/103,667 SF.

Construction Phase - Construction/demo to start in Feb 2021. Demo and site prep ~ 4 months, grading and excavation ~5 months, building construction ~22 months, finishing (paving and coating) ~ 5 months.

Trips and VMT - Haul route to Sunshine Canyon Landfill in Sylmar is ~29 miles from the site

Demolition - Demo of: 3 commercial industrial buildings (9,300 + 7,750 + 15,500 = 32,550 sf) and surface parking lot (9,461 sf)= 42,011 SF

Grading - 130,000 CY of export. Minimal grading required...mostly excavation.

Architectural Coating - Per SCAQMD Rule 1113 paints applied to buildings limited to 50g/L VOC or less.

Vehicle Trips - Post TDM Trip gen per TIA (incldes rdxn fr transit trips):Apts 3.78 trps/DU, Hotel 7.11 trps/rm; (incl rdxn fr transit, passby&intrnal trps [passby trip#s divided & added to primry &divert trps] HTrest 61.03 trp/TSF;Q rest 57.0 trp/TSF;museum 53.1 trp/TSF

Woodstoves - No woodburing stoves or fireplaces.

Area Coating - Per SCAQMD Rule 1113 paints limited to 50g/L VOC or less.

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - Located in dwntwn LA. 136 DU/1.293 net ac = 105 DU/ac. 88 jobs/ 1.293 net ac = 68 jobs/job ac. Mixed use residential/hotel/commercial. Walkable/bikeable to off-site transit. TDM benefits already taken in trip generation.

Energy Mitigation - Project design features include energy efficient: lighting, elevator, mechanical systems,glazing and window frames. Energy star appliances shall be used wherever appliances are installed on site. 2019 Title 24 is ~30% more efficient than 2016 Stnds.

Water Mitigation - Low flow faucets, toilets, showers and water-efficient irrigation/landscaping to be installed on-site.

Waste Mitigation - AB 341 requires 75% diversion of waste by 2020

Stationary Sources - Emergency Generators and Fire Pumps - 30 mins a month plus annual run of 90 mins =7.5 hours per year for maintenance; plus a one-time start up run of 3.5 hours gives a grand total of 11 hours per year

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	44.00

Morrison Hotel - Los Angeles-South Coast County, Summer

tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	102.00
tblConstructionPhase	NumDays	200.00	440.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	PhaseEndDate	2/26/2021	4/1/2021
tblConstructionPhase	PhaseEndDate	3/2/2021	4/29/2021
tblConstructionPhase	PhaseEndDate	3/8/2021	9/20/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	5/27/2023
tblConstructionPhase	PhaseEndDate	12/27/2021	8/5/2023
tblConstructionPhase	PhaseEndDate	1/10/2022	10/13/2023
tblConstructionPhase	PhaseStartDate	2/27/2021	4/2/2021
tblConstructionPhase	PhaseStartDate	3/3/2021	4/30/2021
tblConstructionPhase	PhaseStartDate	3/9/2021	9/19/2021
tblConstructionPhase	PhaseStartDate	12/14/2021	5/28/2023
tblConstructionPhase	PhaseStartDate	12/28/2021	8/6/2023
tblFireplaces	NumberGas	115.60	122.40
tblFireplaces	NumberWood	6.80	0.00
tblGrading	AcresOfGrading	38.25	1.50
tblGrading	AcresOfGrading	10.00	1.50
tblGrading	MaterialExported	0.00	130,000.00
tblLandUse	LandUseSquareFeet	88,800.00	103,667.00
tblLandUse	LandUseSquareFeet	2,860.00	2,863.00
tblLandUse	LandUseSquareFeet	644,688.00	230,011.00
tblLandUse	LandUseSquareFeet	136,000.00	156,301.00
tblLandUse	LotAcreage	2.00	0.96
tblLandUse	LotAcreage	0.23	0.00

Morrison Hotel - Los Angeles-South Coast County, Summer

tblLandUse	LotAcreage	14.80	0.22
tblLandUse	LotAcreage	0.30	0.00
tblLandUse	LotAcreage	2.19	0.00
tblLandUse	LotAcreage	0.25	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,682.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	11.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblVehicleTrips	DV_TP	20.00	43.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	37.00	57.00
tblVehicleTrips	ST_TR	4.98	3.78
tblVehicleTrips	ST_TR	158.37	61.03
tblVehicleTrips	ST_TR	8.19	7.11
tblVehicleTrips	ST_TR	94.36	57.00
tblVehicleTrips	ST_TR	99.28	53.10
tblVehicleTrips	SU_TR	3.65	3.78
tblVehicleTrips	SU_TR	131.84	61.03
tblVehicleTrips	SU_TR	5.95	7.11
tblVehicleTrips	SU_TR	72.16	57.00
tblVehicleTrips	SU_TR	81.90	53.10
tblVehicleTrips	WD_TR	4.20	3.78
tblVehicleTrips	WD_TR	127.15	61.03
tblVehicleTrips	WD_TR	8.17	7.11
tblVehicleTrips	WD_TR	89.95	57.00
tblVehicleTrips	WD_TR	78.06	53.10

Morrison Hotel - Los Angeles-South Coast County, Summer

tblWoodstoves	NumberCatalytic	6.80	0.00
tblWoodstoves	NumberNoncatalytic	6.80	0.00

2.0 Emissions Summary

Morrison Hotel - Los Angeles-South Coast County, Summer

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					
2021	6.2645	91.3049	45.3940	0.2580	12.1227	1.5484	13.6711	4.5278	1.4632	5.9910	0.0000	27,145.24 46	27,145.24 46	2.2235	0.0000	27,200.83 19
2022	2.8825	20.1038	23.9663	0.0692	3.3193	0.6241	3.9434	0.8912	0.6018	1.4930	0.0000	6,835.916 3	6,835.916 3	0.5429	0.0000	6,849.489 1
2023	45.0098	17.5762	22.9299	0.0675	3.3193	0.5422	3.8615	0.8912	0.5225	1.4137	0.0000	6,669.637 7	6,669.637 7	0.5133	0.0000	6,682.470 1
Maximum	45.0098	91.3049	45.3940	0.2580	12.1227	1.5484	13.6711	4.5278	1.4632	5.9910	0.0000	27,145.24 46	27,145.24 46	2.2235	0.0000	27,200.83 19

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	6.2645	91.3049	45.3940	0.2580	9.2701	1.5484	10.8186	2.9990	1.4632	4.4622	0.0000	27,145.24 46	27,145.24 46	2.2235	0.0000	27,200.83 19
2022	2.8825	20.1038	23.9663	0.0692	3.3193	0.6241	3.9434	0.8912	0.6018	1.4930	0.0000	6,835.916 3	6,835.916 3	0.5429	0.0000	6,849.489 1
2023	45.0098	17.5762	22.9299	0.0675	3.3193	0.5422	3.8615	0.8912	0.5225	1.4137	0.0000	6,669.637 7	6,669.637 7	0.5133	0.0000	6,682.470 1
Maximum	45.0098	91.3049	45.3940	0.2580	9.2701	1.5484	10.8186	2.9990	1.4632	4.4622	0.0000	27,145.24 46	27,145.24 46	2.2235	0.0000	27,200.83 19

Morrison Hotel - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	15.20	0.00	13.28	24.23	0.00	17.18	0.00	0.00	0.00	0.00	0.00	0.00

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	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Energy	0.3621	3.2713	2.6167	0.0198		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925
Mobile	7.4649	30.8737	86.0805	0.3265	27.4343	0.2436	27.6780	7.3411	0.2264	7.5675		33,303.1970	33,303.1970	1.5929		33,343.0198
Stationary	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	17.3794	36.3053	100.8483	0.3598	27.4343	0.7204	28.1547	7.3411	0.7032	8.0442	0.0000	39,865.3747	39,865.3747	1.7381	0.1199	39,944.5668

Morrison Hotel - Los Angeles-South Coast County, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Energy	0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302
Mobile	6.6178	26.7249	64.1154	0.2319	18.8200	0.1767	18.9966	5.0360	0.1641	5.2001		23,675.7829	23,675.7829	1.1839		23,705.3802
Stationary	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	16.4763	31.6506	78.4770	0.2622	18.8200	0.6147	19.4347	5.0360	0.6022	5.6382	0.0000	29,627.4264	29,627.4264	1.3174	0.1087	29,692.7650

	ROG	NOx	CO	SO2	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	5.20	12.82	22.18	27.14	31.40	14.66	30.97	31.40	14.36	29.91	0.00	25.68	25.68	24.21	9.33	25.67

3.0 Construction Detail

Construction Phase

Morrison Hotel - Los Angeles-South Coast County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	4/1/2021	5	44	
2	Site Preparation	Site Preparation	4/2/2021	4/29/2021	5	20	
3	Grading	Grading	4/30/2021	9/20/2021	5	102	
4	Building Construction	Building Construction	9/19/2021	5/27/2023	5	440	
5	Paving	Paving	5/28/2023	8/5/2023	5	50	
6	Architectural Coating	Architectural Coating	8/6/2023	10/13/2023	5	50	

Acres of Grading (Site Preparation Phase): 1.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.03

Residential Indoor: 316,510; Residential Outdoor: 105,503; Non-Residential Indoor: 396,003; Non-Residential Outdoor: 132,001; Striped Parking Area: 6,392 (Architectural Coating – sqft)

OffRoad Equipment

Morrison Hotel - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Morrison Hotel - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	191.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	16,250.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	254.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	51.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

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					0.9399	0.0000	0.9399	0.1423	0.0000	0.1423			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	0.9399	1.0409	1.9808	0.1423	0.9715	1.1138		2,322.7171	2,322.7171	0.5940		2,337.5658

Morrison Hotel - Los Angeles-South Coast County, Summer

3.2 Demolition - 2021

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	0.0494	1.5064	0.3735	4.7000e-003	0.1100	5.1100e-003	0.1151	0.0302	4.8900e-003	0.0351		510.4496	510.4496	0.0331		511.2775
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	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
Total	0.1051	1.5447	0.8971	6.1900e-003	0.2553	6.2800e-003	0.2616	0.0687	5.9700e-003	0.0747		658.4897	658.4897	0.0375		659.4266

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					0.3665	0.0000	0.3665	0.0555	0.0000	0.0555			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	0.3665	1.0409	1.4074	0.0555	0.9715	1.0270	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

Morrison Hotel - Los Angeles-South Coast County, Summer

3.2 Demolition - 2021

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	0.0494	1.5064	0.3735	4.7000e-003	0.1100	5.1100e-003	0.1151	0.0302	4.8900e-003	0.0351		510.4496	510.4496	0.0331		511.2775
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	0.0557	0.0383	0.5236	1.4900e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.0401	148.0401	4.3600e-003		148.1491
Total	0.1051	1.5447	0.8971	6.1900e-003	0.2553	6.2800e-003	0.2616	0.0687	5.9700e-003	0.0747		658.4897	658.4897	0.0375		659.4266

3.3 Site Preparation - 2021

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					5.3489	0.0000	5.3489	2.9050	0.0000	2.9050			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	1.5558	17.4203	7.5605	0.0172	5.3489	0.7654	6.1142	2.9050	0.7041	3.6092		1,666.5174	1,666.5174	0.5390		1,679.9920

Morrison Hotel - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0861	0.0000	2.0861	1.1330	0.0000	1.1330			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	1.5558	17.4203	7.5605	0.0172	2.0861	0.7654	2.8514	1.1330	0.7041	1.8371	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920

Morrison Hotel - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687

3.4 Grading - 2021

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					4.6763	0.0000	4.6763	2.5062	0.0000	2.5062			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	4.6763	0.6379	5.3142	2.5062	0.5869	3.0931		1,365.0648	1,365.0648	0.4415		1,376.1020

Morrison Hotel - Los Angeles-South Coast County, Summer

3.4 Grading - 2021

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	1.8126	55.2844	13.7069	0.1726	4.0377	0.1876	4.2253	1.1067	0.1795	1.2862		18,733.7780	18,733.7780	1.2154		18,764.1623
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	1.8469	55.3080	14.0291	0.1736	4.1271	0.1884	4.3155	1.1304	0.1802	1.3106		18,824.8796	18,824.8796	1.2181		18,855.3310

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					1.8238	0.0000	1.8238	0.9774	0.0000	0.9774			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	1.8238	0.6379	2.4617	0.9774	0.5869	1.5643	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020

Morrison Hotel - Los Angeles-South Coast County, Summer

3.4 Grading - 2021

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	1.8126	55.2844	13.7069	0.1726	4.0377	0.1876	4.2253	1.1067	0.1795	1.2862		18,733.7780	18,733.7780	1.2154		18,764.1623
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	1.8469	55.3080	14.0291	0.1736	4.1271	0.1884	4.3155	1.1304	0.1802	1.3106		18,824.8796	18,824.8796	1.2181		18,855.3310

3.5 Building Construction - 2021

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517

Morrison Hotel - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2021

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	0.2280	7.2817	1.9036	0.0193	0.4802	0.0149	0.4951	0.1383	0.0142	0.1525		2,061.6047	2,061.6047	0.1215		2,064.6411
Worker	1.0888	0.7484	10.2305	0.0290	2.8391	0.0229	2.8621	0.7530	0.0211	0.7741		2,892.4754	2,892.4754	0.0852		2,894.6061
Total	1.3168	8.0301	12.1341	0.0483	3.3193	0.0378	3.3571	0.8912	0.0354	0.9266		4,954.0802	4,954.0802	0.2067		4,959.2472

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517

Morrison Hotel - Los Angeles-South Coast County, Summer

3.5 Building Construction - 2021

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	0.2280	7.2817	1.9036	0.0193	0.4802	0.0149	0.4951	0.1383	0.0142	0.1525		2,061.6047	2,061.6047	0.1215		2,064.6411
Worker	1.0888	0.7484	10.2305	0.0290	2.8391	0.0229	2.8621	0.7530	0.0211	0.7741		2,892.4754	2,892.4754	0.0852		2,894.6061
Total	1.3168	8.0301	12.1341	0.0483	3.3193	0.0378	3.3571	0.8912	0.0354	0.9266		4,954.0802	4,954.0802	0.2067		4,959.2472

3.5 Building Construction - 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					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581

Morrison Hotel - Los Angeles-South Coast County, Summer

3.5 Building Construction - 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	0.2140	6.9248	1.8011	0.0191	0.4802	0.0130	0.4932	0.1383	0.0125	0.1507		2,043.644 2	2,043.644 2	0.1173		2,046.576 1
Worker	1.0199	0.6760	9.4387	0.0280	2.8391	0.0222	2.8614	0.7530	0.0205	0.7734		2,790.729 3	2,790.729 3	0.0770		2,792.654 9
Total	1.2338	7.6008	11.2398	0.0471	3.3193	0.0352	3.3545	0.8912	0.0329	0.9241		4,834.373 5	4,834.373 5	0.1943		4,839.231 0

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	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.542 9	2,001.542 9	0.3486		2,010.258 1
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.542 9	2,001.542 9	0.3486		2,010.258 1

Morrison Hotel - Los Angeles-South Coast County, Summer

3.5 Building Construction - 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	0.2140	6.9248	1.8011	0.0191	0.4802	0.0130	0.4932	0.1383	0.0125	0.1507		2,043.644 2	2,043.644 2	0.1173		2,046.576 1
Worker	1.0199	0.6760	9.4387	0.0280	2.8391	0.0222	2.8614	0.7530	0.0205	0.7734		2,790.729 3	2,790.729 3	0.0770		2,792.654 9
Total	1.2338	7.6008	11.2398	0.0471	3.3193	0.0352	3.3545	0.8912	0.0329	0.9241		4,834.373 5	4,834.373 5	0.1943		4,839.231 0

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8

Morrison Hotel - Los Angeles-South Coast County, 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	0.1587	5.2543	1.6266	0.0185	0.4802	6.0700e-003	0.4863	0.1383	5.8000e-003	0.1441		1,979.3057	1,979.3057	0.1039		1,981.9039
Worker	0.9577	0.6116	8.6922	0.0270	2.8391	0.0216	2.8607	0.7530	0.0199	0.7728		2,688.5443	2,688.5443	0.0695		2,690.2805
Total	1.1165	5.8659	10.3189	0.0455	3.3193	0.0277	3.3470	0.8912	0.0257	0.9169		4,667.8500	4,667.8500	0.1734		4,672.1843

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Morrison Hotel - Los Angeles-South Coast County, 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	0.1587	5.2543	1.6266	0.0185	0.4802	6.0700e-003	0.4863	0.1383	5.8000e-003	0.1441		1,979.3057	1,979.3057	0.1039		1,981.9039
Worker	0.9577	0.6116	8.6922	0.0270	2.8391	0.0216	2.8607	0.7530	0.0199	0.7728		2,688.5443	2,688.5443	0.0695		2,690.2805
Total	1.1165	5.8659	10.3189	0.0455	3.3193	0.0277	3.3470	0.8912	0.0257	0.9169		4,667.8500	4,667.8500	0.1734		4,672.1843

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	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

Morrison Hotel - Los Angeles-South Coast County, 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	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915
Total	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

Morrison Hotel - Los Angeles-South Coast County, 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	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915
Total	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915

3.7 Architectural Coating - 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					
Archit. Coating	44.6258					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	44.8175	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Morrison Hotel - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 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	0.1923	0.1228	1.7453	5.4200e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		539.8258	539.8258	0.0139		540.1744
Total	0.1923	0.1228	1.7453	5.4200e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		539.8258	539.8258	0.0139		540.1744

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	44.6258					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	44.8175	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Morrison Hotel - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 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	0.1923	0.1228	1.7453	5.4200e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		539.8258	539.8258	0.0139		540.1744
Total	0.1923	0.1228	1.7453	5.4200e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		539.8258	539.8258	0.0139		540.1744

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

Morrison Hotel - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.6178	26.7249	64.1154	0.2319	18.8200	0.1767	18.9966	5.0360	0.1641	5.2001		23,675.78 29	23,675.78 29	1.1839		23,705.38 02
Unmitigated	7.4649	30.8737	86.0805	0.3265	27.4343	0.2436	27.6780	7.3411	0.2264	7.5675		33,303.19 70	33,303.19 70	1.5929		33,343.01 98

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	514.08	514.08	514.08	1,756,689	1,205,089
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	601.02	601.02	601.02	1,306,100	895,985
Hotel	3,156.84	3,156.84	3,156.84	7,532,760	5,167,474
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	743.96	743.96	743.96	1,059,130	726,563
Movie Theater (No Matinee)	588.93	588.93	588.93	1,247,957	856,099
Total	5,604.84	5,604.84	5,604.84	12,902,638	8,851,210

4.3 Trip Type Information

Morrison Hotel - Los Angeles-South Coast County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	57	43	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	66	17	17

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Hotel	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Quality Restaurant	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Movie Theater (No Matinee)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Morrison Hotel - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302
NaturalGas Unmitigated	0.3621	3.2713	2.6167	0.0198		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925

Morrison Hotel - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	3434.26	0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0303	404.0303	7.7400e-003	7.4100e-003	406.4312
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6226.09	0.0671	0.6104	0.5127	3.6600e-003		0.0464	0.0464		0.0464	0.0464		732.4817	732.4817	0.0140	0.0134	736.8345
Hotel	15111.4	0.1630	1.4815	1.2445	8.8900e-003		0.1126	0.1126		0.1126	0.1126		1,777.8127	1,777.8127	0.0341	0.0326	1,788.3773
Movie Theater (No Matinee)	549.992	5.9300e-003	0.0539	0.0453	3.2000e-004		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003		64.7050	64.7050	1.2400e-003	1.1900e-003	65.0895
Other Non-Asphalt Surfaces	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
Quality Restaurant	8251.72	0.0890	0.8090	0.6796	4.8500e-003		0.0615	0.0615		0.0615	0.0615		970.7911	970.7911	0.0186	0.0178	976.5601
Total		0.3621	3.2713	2.6167	0.0197		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925

Morrison Hotel - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	2.94399	0.0318	0.2713	0.1155	1.7300e-003		0.0219	0.0219		0.0219	0.0219		346.3521	346.3521	6.6400e-003	6.3500e-003	348.4103
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	5.8782	0.0634	0.5763	0.4841	3.4600e-003		0.0438	0.0438		0.0438	0.0438		691.5534	691.5534	0.0133	0.0127	695.6629
Hotel	11.3455	0.1224	1.1123	0.9343	6.6700e-003		0.0845	0.0845		0.0845	0.0845		1,334.7681	1,334.7681	0.0256	0.0245	1,342.7000
Movie Theater (No Matinee)	0.42556	4.5900e-003	0.0417	0.0351	2.5000e-004		3.1700e-003	3.1700e-003		3.1700e-003	3.1700e-003		50.0659	50.0659	9.6000e-004	9.2000e-004	50.3634
Other Non-Asphalt Surfaces	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
Quality Restaurant	7.79065	0.0840	0.7638	0.6416	4.5800e-003		0.0581	0.0581		0.0581	0.0581		916.5470	916.5470	0.0176	0.0168	921.9936
Total		0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302

6.0 Area Detail

6.1 Mitigation Measures Area

Morrison Hotel - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Unmitigated	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

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	0.6113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2376	2.0304	0.8640	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,592.0000	2,592.0000	0.0497	0.0475	2,607.4030
Landscaping	0.3438	0.1299	11.2871	6.0000e-004		0.0624	0.0624		0.0624	0.0624		20.3569	20.3569	0.0198		20.8516
Total	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

Morrison Hotel - Los Angeles-South Coast County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2376	2.0304	0.8640	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,592.0000	2,592.0000	0.0497	0.0475	2,607.4030
Landscaping	0.3438	0.1299	11.2871	6.0000e-004		0.0624	0.0624		0.0624	0.0624		20.3569	20.3569	0.0198		20.8516
Total	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Morrison Hotel - Los Angeles-South Coast County, Summer

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	11	2682	0.73	Diesel

Boilers

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

User Defined Equipment

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

Morrison Hotel - Los Angeles-South Coast County, Summer

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (750 - 9999 HP)	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

11.0 Vegetation

Morrison Hotel - Los Angeles-South Coast County, Winter

Morrison Hotel
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	222.00	Space	0.96	103,667.00	0
Other Non-Asphalt Surfaces	2.86	1000sqft	0.07	2,863.00	0
High Turnover (Sit Down Restaurant)	9.85	1000sqft	0.00	9,848.00	0
Hotel	444.00	Room	0.22	230,011.00	0
Quality Restaurant	13.05	1000sqft	0.00	13,052.00	0
Apartments High Rise	136.00	Dwelling Unit	0.00	156,301.00	389
Movie Theater (No Matinee)	11.09	1000sqft	0.00	11,091.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Morrison Hotel - Los Angeles-South Coast County, Winter

Project Characteristics -

Land Use - Net site area= 54,591 SF (1.253 ac). Ftpprint = aprx 1.18 ac. 136 apts/156,301 SF of residntl. 444 hotel rm/230,011 SF. 9,848 SF HT restrnt. 13,052 SF Qlty restrnt., 2,863 SF Indpg.222 pk sp/103,667 SF.

Construction Phase - Construction/demo to start in Feb 2021. Demo and site prep ~ 4 months, grading and excavation ~5 months, building construction ~22 months, finishing (paving and coating) ~ 5 months.

Trips and VMT - Haul route to Sunshine Canyon Landfill in Sylmar is ~29 miles from the site

Demolition - Demo of: 3 commercial industrial buildings (9,300 + 7,750 + 15,500 = 32,550 sf) and surface parking lot (9,461 sf)= 42,011 SF

Grading - 130,000 CY of export. Minimal grading required...mostly excavation.

Architectural Coating - Per SCAQMD Rule 1113 paints applied to buildings limited to 50g/L VOC or less.

Vehicle Trips - Post TDM Trip gen per TIA (incldes rdxn fr transit trips):Apts 3.78 trps/DU, Hotel 7.11 trps/rm; (incl rdxn fr transit, passby&intrnal trps [passby trip#s divided & added to primry &divert trps] HTrest 61.03 trp/TSF;Q rest 57.0 trp/TSF;museum 53.1 trp/TSF

Woodstoves - No woodburing stoves or fireplaces.

Area Coating - Per SCAQMD Rule 1113 paints limited to 50g/L VOC or less.

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - Located in dwntwn LA. 136 DU/1.293 net ac = 105 DU/ac. 88 jobs/ 1.293 net ac = 68 jobs/job ac. Mixed use residential/hotel/commercial. Walkable/bikeable to off-site transit. TDM benefits already taken in trip generation.

Energy Mitigation - Project design features include energy efficient: lighting, elevator, mechanical systems,glazing and window frames. Energy star appliances shall be used wherever appliances are installed on site. 2019 Title 24 is ~30% more efficient than 2016 Stnds.

Water Mitigation - Low flow faucets, toilets, showers and water-efficient irrigation/landscaping to be installed on-site.

Waste Mitigation - AB 341 requires 75% diversion of waste by 2020

Stationary Sources - Emergency Generators and Fire Pumps - 30 mins a month plus annual run of 90 mins =7.5 hours per year for maintenance; plus a one-time start up run of 3.5 hours gives a grand total of 11 hours per year

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	44.00

Morrison Hotel - Los Angeles-South Coast County, Winter

tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	102.00
tblConstructionPhase	NumDays	200.00	440.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	PhaseEndDate	2/26/2021	4/1/2021
tblConstructionPhase	PhaseEndDate	3/2/2021	4/29/2021
tblConstructionPhase	PhaseEndDate	3/8/2021	9/20/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	5/27/2023
tblConstructionPhase	PhaseEndDate	12/27/2021	8/5/2023
tblConstructionPhase	PhaseEndDate	1/10/2022	10/13/2023
tblConstructionPhase	PhaseStartDate	2/27/2021	4/2/2021
tblConstructionPhase	PhaseStartDate	3/3/2021	4/30/2021
tblConstructionPhase	PhaseStartDate	3/9/2021	9/19/2021
tblConstructionPhase	PhaseStartDate	12/14/2021	5/28/2023
tblConstructionPhase	PhaseStartDate	12/28/2021	8/6/2023
tblFireplaces	NumberGas	115.60	122.40
tblFireplaces	NumberWood	6.80	0.00
tblGrading	AcresOfGrading	38.25	1.50
tblGrading	AcresOfGrading	10.00	1.50
tblGrading	MaterialExported	0.00	130,000.00
tblLandUse	LandUseSquareFeet	88,800.00	103,667.00
tblLandUse	LandUseSquareFeet	2,860.00	2,863.00
tblLandUse	LandUseSquareFeet	644,688.00	230,011.00
tblLandUse	LandUseSquareFeet	136,000.00	156,301.00
tblLandUse	LotAcreage	2.00	0.96
tblLandUse	LotAcreage	0.23	0.00

Morrison Hotel - Los Angeles-South Coast County, Winter

tblLandUse	LotAcreage	14.80	0.22
tblLandUse	LotAcreage	0.30	0.00
tblLandUse	LotAcreage	2.19	0.00
tblLandUse	LotAcreage	0.25	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,682.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	11.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblVehicleTrips	DV_TP	20.00	43.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	37.00	57.00
tblVehicleTrips	ST_TR	4.98	3.78
tblVehicleTrips	ST_TR	158.37	61.03
tblVehicleTrips	ST_TR	8.19	7.11
tblVehicleTrips	ST_TR	94.36	57.00
tblVehicleTrips	ST_TR	99.28	53.10
tblVehicleTrips	SU_TR	3.65	3.78
tblVehicleTrips	SU_TR	131.84	61.03
tblVehicleTrips	SU_TR	5.95	7.11
tblVehicleTrips	SU_TR	72.16	57.00
tblVehicleTrips	SU_TR	81.90	53.10
tblVehicleTrips	WD_TR	4.20	3.78
tblVehicleTrips	WD_TR	127.15	61.03
tblVehicleTrips	WD_TR	8.17	7.11
tblVehicleTrips	WD_TR	89.95	57.00
tblVehicleTrips	WD_TR	78.06	53.10

Morrison Hotel - Los Angeles-South Coast County, Winter

tblWoodstoves	NumberCatalytic	6.80	0.00
tblWoodstoves	NumberNoncatalytic	6.80	0.00

2.0 Emissions Summary

Morrison Hotel - Los Angeles-South Coast County, Winter

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					
2021	6.4338	92.3867	45.2706	0.2536	12.1227	1.5509	13.6736	4.5278	1.4656	5.9933	0.0000	26,680.8477	26,680.8477	2.2583	0.0000	26,737.3064
2022	3.0109	20.1571	23.3348	0.0670	3.3193	0.6245	3.9438	0.8912	0.6022	1.4934	0.0000	6,616.6264	6,616.6264	0.5459	0.0000	6,630.2728
2023	45.0327	17.6174	22.3012	0.0654	3.3193	0.5425	3.8618	0.8912	0.5228	1.4140	0.0000	6,459.0178	6,459.0178	0.5150	0.0000	6,471.8934
Maximum	45.0327	92.3867	45.2706	0.2536	12.1227	1.5509	13.6736	4.5278	1.4656	5.9933	0.0000	26,680.8477	26,680.8477	2.2583	0.0000	26,737.3064

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	6.4338	92.3867	45.2706	0.2536	9.2701	1.5509	10.8210	2.9990	1.4656	4.4646	0.0000	26,680.8477	26,680.8477	2.2583	0.0000	26,737.3064
2022	3.0109	20.1571	23.3348	0.0670	3.3193	0.6245	3.9438	0.8912	0.6022	1.4934	0.0000	6,616.6264	6,616.6264	0.5459	0.0000	6,630.2728
2023	45.0327	17.6174	22.3012	0.0654	3.3193	0.5425	3.8618	0.8912	0.5228	1.4140	0.0000	6,459.0178	6,459.0178	0.5150	0.0000	6,471.8934
Maximum	45.0327	92.3867	45.2706	0.2536	9.2701	1.5509	10.8210	2.9990	1.4656	4.4646	0.0000	26,680.8477	26,680.8477	2.2583	0.0000	26,737.3064

Morrison Hotel - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	15.20	0.00	13.28	24.23	0.00	17.18	0.00	0.00	0.00	0.00	0.00	0.00

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	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Energy	0.3621	3.2713	2.6167	0.0198		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925
Mobile	7.2198	31.3771	82.6907	0.3104	27.4343	0.2450	27.6793	7.3411	0.2277	7.5688		31,677.6683	31,677.6683	1.5992		31,717.6488
Stationary	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	17.1344	36.8087	97.4585	0.3437	27.4343	0.7217	28.1561	7.3411	0.7044	8.0455	0.0000	38,239.8459	38,239.8459	1.7444	0.1199	38,319.1958

Morrison Hotel - Los Angeles-South Coast County, Winter

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Energy	0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302
Mobile	6.3923	26.9693	62.7830	0.2202	18.8200	0.1780	18.9980	5.0360	0.1654	5.2014		22,481.7901	22,481.7901	1.2000		22,511.7894
Stationary	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	16.2509	31.8950	77.1446	0.2504	18.8200	0.6161	19.4360	5.0360	0.6035	5.6395	0.0000	28,433.4335	28,433.4335	1.3334	0.1087	28,499.1742

	ROG	NOx	CO	SO2	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	5.16	13.35	20.84	27.15	31.40	14.64	30.97	31.40	14.33	29.91	0.00	25.64	25.64	23.56	9.33	25.63

3.0 Construction Detail

Construction Phase

Morrison Hotel - Los Angeles-South Coast County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	4/1/2021	5	44	
2	Site Preparation	Site Preparation	4/2/2021	4/29/2021	5	20	
3	Grading	Grading	4/30/2021	9/20/2021	5	102	
4	Building Construction	Building Construction	9/19/2021	5/27/2023	5	440	
5	Paving	Paving	5/28/2023	8/5/2023	5	50	
6	Architectural Coating	Architectural Coating	8/6/2023	10/13/2023	5	50	

Acres of Grading (Site Preparation Phase): 1.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.03

Residential Indoor: 316,510; Residential Outdoor: 105,503; Non-Residential Indoor: 396,003; Non-Residential Outdoor: 132,001; Striped Parking Area: 6,392 (Architectural Coating – sqft)

OffRoad Equipment

Morrison Hotel - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Morrison Hotel - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	191.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	16,250.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	254.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	51.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

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					0.9399	0.0000	0.9399	0.1423	0.0000	0.1423			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	0.9399	1.0409	1.9808	0.1423	0.9715	1.1138		2,322.7171	2,322.7171	0.5940		2,337.5658

Morrison Hotel - Los Angeles-South Coast County, Winter

3.2 Demolition - 2021

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	0.0503	1.5340	0.3893	4.6500e-003	0.1100	5.1700e-003	0.1152	0.0302	4.9400e-003	0.0351		504.0845	504.0845	0.0340		504.9342
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	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003		139.4952
Total	0.1123	1.5764	0.8680	6.0500e-003	0.2553	6.3400e-003	0.2617	0.0687	6.0200e-003	0.0747		643.4771	643.4771	0.0381		644.4294

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					0.3665	0.0000	0.3665	0.0555	0.0000	0.0555			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	0.3665	1.0409	1.4074	0.0555	0.9715	1.0270	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

Morrison Hotel - Los Angeles-South Coast County, Winter

3.2 Demolition - 2021

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	0.0503	1.5340	0.3893	4.6500e-003	0.1100	5.1700e-003	0.1152	0.0302	4.9400e-003	0.0351		504.0845	504.0845	0.0340		504.9342
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	0.0620	0.0424	0.4787	1.4000e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		139.3926	139.3926	4.1000e-003		139.4952
Total	0.1123	1.5764	0.8680	6.0500e-003	0.2553	6.3400e-003	0.2617	0.0687	6.0200e-003	0.0747		643.4771	643.4771	0.0381		644.4294

3.3 Site Preparation - 2021

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					5.3489	0.0000	5.3489	2.9050	0.0000	2.9050			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041		1,666.5174	1,666.5174	0.5390		1,679.9920
Total	1.5558	17.4203	7.5605	0.0172	5.3489	0.7654	6.1142	2.9050	0.7041	3.6092		1,666.5174	1,666.5174	0.5390		1,679.9920

Morrison Hotel - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2021

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	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0861	0.0000	2.0861	1.1330	0.0000	1.1330			0.0000			0.0000
Off-Road	1.5558	17.4203	7.5605	0.0172		0.7654	0.7654		0.7041	0.7041	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920
Total	1.5558	17.4203	7.5605	0.0172	2.0861	0.7654	2.8514	1.1330	0.7041	1.8371	0.0000	1,666.5174	1,666.5174	0.5390		1,679.9920

Morrison Hotel - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2021

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	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432

3.4 Grading - 2021

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					4.6763	0.0000	4.6763	2.5062	0.0000	2.5062			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869		1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	4.6763	0.6379	5.3142	2.5062	0.5869	3.0931		1,365.0648	1,365.0648	0.4415		1,376.1020

Morrison Hotel - Los Angeles-South Coast County, Winter

3.4 Grading - 2021

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	1.8444	56.2988	14.2857	0.1705	4.0377	0.1896	4.2273	1.1067	0.1814	1.2881		18,500.1736	18,500.1736	1.2475		18,531.3607
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	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	1.8825	56.3249	14.5803	0.1713	4.1271	0.1903	4.3174	1.1304	0.1821	1.3125		18,585.9537	18,585.9537	1.2500		18,617.2039

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					1.8238	0.0000	1.8238	0.9774	0.0000	0.9774			0.0000			0.0000
Off-Road	1.2884	14.3307	6.3314	0.0141		0.6379	0.6379		0.5869	0.5869	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020
Total	1.2884	14.3307	6.3314	0.0141	1.8238	0.6379	2.4617	0.9774	0.5869	1.5643	0.0000	1,365.0648	1,365.0648	0.4415		1,376.1020

Morrison Hotel - Los Angeles-South Coast County, Winter

3.4 Grading - 2021

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	1.8444	56.2988	14.2857	0.1705	4.0377	0.1896	4.2273	1.1067	0.1814	1.2881		18,500.1736	18,500.1736	1.2475		18,531.3607
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	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	1.8825	56.3249	14.5803	0.1713	4.1271	0.1903	4.3174	1.1304	0.1821	1.3125		18,585.9537	18,585.9537	1.2500		18,617.2039

3.5 Building Construction - 2021

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608		2,001.2200	2,001.2200	0.3573		2,010.1517

Morrison Hotel - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2021

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	0.2393	7.2667	2.1058	0.0188	0.4802	0.0154	0.4955	0.1383	0.0147	0.1529		2,005.0914	2,005.0914	0.1294		2,008.3275
Worker	1.2111	0.8284	9.3537	0.0273	2.8391	0.0229	2.8621	0.7530	0.0211	0.7741		2,723.5178	2,723.5178	0.0801		2,725.5213
Total	1.4504	8.0951	11.4595	0.0461	3.3193	0.0383	3.3576	0.8912	0.0358	0.9270		4,728.6092	4,728.6092	0.2096		4,733.8488

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	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517
Total	1.8125	13.6361	12.8994	0.0221		0.6843	0.6843		0.6608	0.6608	0.0000	2,001.2200	2,001.2200	0.3573		2,010.1517

Morrison Hotel - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2021

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	0.2393	7.2667	2.1058	0.0188	0.4802	0.0154	0.4955	0.1383	0.0147	0.1529		2,005.0914	2,005.0914	0.1294		2,008.3275
Worker	1.2111	0.8284	9.3537	0.0273	2.8391	0.0229	2.8621	0.7530	0.0211	0.7741		2,723.5178	2,723.5178	0.0801		2,725.5213
Total	1.4504	8.0951	11.4595	0.0461	3.3193	0.0383	3.3576	0.8912	0.0358	0.9270		4,728.6092	4,728.6092	0.2096		4,733.8488

3.5 Building Construction - 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					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581

Morrison Hotel - Los Angeles-South Coast County, Winter

3.5 Building Construction - 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	0.2247	6.9059	1.9933	0.0186	0.4802	0.0134	0.4936	0.1383	0.0129	0.1511		1,987.277 1	1,987.277 1	0.1249			1,990.399 5
Worker	1.1375	0.7481	8.6151	0.0264	2.8391	0.0222	2.8614	0.7530	0.0205	0.7734		2,627.806 4	2,627.806 4	0.0724			2,629.615 3
Total	1.3622	7.6541	10.6084	0.0450	3.3193	0.0357	3.3550	0.8912	0.0333	0.9245		4,615.083 5	4,615.083 5	0.1973			4,620.014 8

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	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.542 9	2,001.542 9	0.3486			2,010.258 1
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.542 9	2,001.542 9	0.3486			2,010.258 1

Morrison Hotel - Los Angeles-South Coast County, Winter

3.5 Building Construction - 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	0.2247	6.9059	1.9933	0.0186	0.4802	0.0134	0.4936	0.1383	0.0129	0.1511		1,987.277 1	1,987.277 1	0.1249		1,990.399 5
Worker	1.1375	0.7481	8.6151	0.0264	2.8391	0.0222	2.8614	0.7530	0.0205	0.7734		2,627.806 4	2,627.806 4	0.0724		2,629.615 3
Total	1.3622	7.6541	10.6084	0.0450	3.3193	0.0357	3.3550	0.8912	0.0333	0.9245		4,615.083 5	4,615.083 5	0.1973		4,620.014 8

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8

Morrison Hotel - Los Angeles-South Coast County, 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	0.1669	5.2304	1.7712	0.0180	0.4802	6.3800e-003	0.4866	0.1383	6.1000e-003	0.1444		1,925.5598	1,925.5598	0.1100		1,928.3086
Worker	1.0717	0.6766	7.9189	0.0254	2.8391	0.0216	2.8607	0.7530	0.0199	0.7728		2,531.6703	2,531.6703	0.0652		2,533.2991
Total	1.2386	5.9070	9.6901	0.0434	3.3193	0.0280	3.3473	0.8912	0.0260	0.9172		4,457.2301	4,457.2301	0.1751		4,461.6076

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Morrison Hotel - Los Angeles-South Coast County, 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	0.1669	5.2304	1.7712	0.0180	0.4802	6.3800e-003	0.4866	0.1383	6.1000e-003	0.1444		1,925.5598	1,925.5598	0.1100		1,928.3086
Worker	1.0717	0.6766	7.9189	0.0254	2.8391	0.0216	2.8607	0.7530	0.0199	0.7728		2,531.6703	2,531.6703	0.0652		2,533.2991
Total	1.2386	5.9070	9.6901	0.0434	3.3193	0.0280	3.3473	0.8912	0.0260	0.9172		4,457.2301	4,457.2301	0.1751		4,461.6076

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	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

Morrison Hotel - Los Angeles-South Coast County, 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	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570
Total	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

Morrison Hotel - Los Angeles-South Coast County, 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	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570
Total	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570

3.7 Architectural Coating - 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					
Archit. Coating	44.6258					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	44.8175	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Morrison Hotel - Los Angeles-South Coast County, Winter

3.7 Architectural Coating - 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	0.2152	0.1359	1.5900	5.1000e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		508.3275	508.3275	0.0131		508.6545
Total	0.2152	0.1359	1.5900	5.1000e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		508.3275	508.3275	0.0131		508.6545

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	44.6258					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	44.8175	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Morrison Hotel - Los Angeles-South Coast County, Winter

3.7 Architectural Coating - 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	0.2152	0.1359	1.5900	5.1000e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		508.3275	508.3275	0.0131		508.6545
Total	0.2152	0.1359	1.5900	5.1000e-003	0.5701	4.3400e-003	0.5744	0.1512	3.9900e-003	0.1552		508.3275	508.3275	0.0131		508.6545

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

Morrison Hotel - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.3923	26.9693	62.7830	0.2202	18.8200	0.1780	18.9980	5.0360	0.1654	5.2014		22,481.7901	22,481.7901	1.2000		22,511.7894
Unmitigated	7.2198	31.3771	82.6907	0.3104	27.4343	0.2450	27.6793	7.3411	0.2277	7.5688		31,677.6683	31,677.6683	1.5992		31,717.6488

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	514.08	514.08	514.08	1,756,689	1,205,089
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	601.02	601.02	601.02	1,306,100	895,985
Hotel	3,156.84	3,156.84	3,156.84	7,532,760	5,167,474
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	743.96	743.96	743.96	1,059,130	726,563
Movie Theater (No Matinee)	588.93	588.93	588.93	1,247,957	856,099
Total	5,604.84	5,604.84	5,604.84	12,902,638	8,851,210

4.3 Trip Type Information

Morrison Hotel - Los Angeles-South Coast County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	57	43	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	66	17	17

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Hotel	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Quality Restaurant	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Movie Theater (No Matinee)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Morrison Hotel - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302
NaturalGas Unmitigated	0.3621	3.2713	2.6167	0.0198		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925

Morrison Hotel - Los Angeles-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	3434.26	0.0370	0.3165	0.1347	2.0200e-003		0.0256	0.0256		0.0256	0.0256		404.0303	404.0303	7.7400e-003	7.4100e-003	406.4312
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6226.09	0.0671	0.6104	0.5127	3.6600e-003		0.0464	0.0464		0.0464	0.0464		732.4817	732.4817	0.0140	0.0134	736.8345
Hotel	15111.4	0.1630	1.4815	1.2445	8.8900e-003		0.1126	0.1126		0.1126	0.1126		1,777.8127	1,777.8127	0.0341	0.0326	1,788.3773
Movie Theater (No Matinee)	549.992	5.9300e-003	0.0539	0.0453	3.2000e-004		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003		64.7050	64.7050	1.2400e-003	1.1900e-003	65.0895
Other Non-Asphalt Surfaces	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
Quality Restaurant	8251.72	0.0890	0.8090	0.6796	4.8500e-003		0.0615	0.0615		0.0615	0.0615		970.7911	970.7911	0.0186	0.0178	976.5601
Total		0.3621	3.2713	2.6167	0.0197		0.2502	0.2502		0.2502	0.2502		3,949.8207	3,949.8207	0.0757	0.0724	3,973.2925

Morrison Hotel - Los Angeles-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	2.94399	0.0318	0.2713	0.1155	1.7300e-003		0.0219	0.0219		0.0219	0.0219		346.3521	346.3521	6.6400e-003	6.3500e-003	348.4103
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	5.8782	0.0634	0.5763	0.4841	3.4600e-003		0.0438	0.0438		0.0438	0.0438		691.5534	691.5534	0.0133	0.0127	695.6629
Hotel	11.3455	0.1224	1.1123	0.9343	6.6700e-003		0.0845	0.0845		0.0845	0.0845		1,334.7681	1,334.7681	0.0256	0.0245	1,342.7000
Movie Theater (No Matinee)	0.42556	4.5900e-003	0.0417	0.0351	2.5000e-004		3.1700e-003	3.1700e-003		3.1700e-003	3.1700e-003		50.0659	50.0659	9.6000e-004	9.2000e-004	50.3634
Other Non-Asphalt Surfaces	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
Quality Restaurant	7.79065	0.0840	0.7638	0.6416	4.5800e-003		0.0581	0.0581		0.0581	0.0581		916.5470	916.5470	0.0176	0.0168	921.9936
Total		0.3061	2.7654	2.2105	0.0167		0.2115	0.2115		0.2115	0.2115		3,339.2865	3,339.2865	0.0640	0.0612	3,359.1302

6.0 Area Detail

6.1 Mitigation Measures Area

Morrison Hotel - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546
Unmitigated	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

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	0.6113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2376	2.0304	0.8640	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,592.0000	2,592.0000	0.0497	0.0475	2,607.4030
Landscaping	0.3438	0.1299	11.2871	6.0000e-004		0.0624	0.0624		0.0624	0.0624		20.3569	20.3569	0.0198		20.8516
Total	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

Morrison Hotel - Los Angeles-South Coast County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.6113					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.3597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2376	2.0304	0.8640	0.0130		0.1642	0.1642		0.1642	0.1642	0.0000	2,592.0000	2,592.0000	0.0497	0.0475	2,607.4030
Landscaping	0.3438	0.1299	11.2871	6.0000e-004		0.0624	0.0624		0.0624	0.0624		20.3569	20.3569	0.0198		20.8516
Total	9.5525	2.1603	12.1511	0.0136		0.2266	0.2266		0.2266	0.2266	0.0000	2,612.3569	2,612.3569	0.0695	0.0475	2,628.2546

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Morrison Hotel - Los Angeles-South Coast County, Winter

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	11	2682	0.73	Diesel

Boilers

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

User Defined Equipment

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

Morrison Hotel - Los Angeles-South Coast County, Winter

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	lb/day										lb/day						
Emergency Generator - Diesel (750 - 9999 HP)	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

11.0 Vegetation

Morrison Hotel - Los Angeles-South Coast County, Annual

Morrison Hotel
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	222.00	Space	0.96	103,667.00	0
Other Non-Asphalt Surfaces	2.86	1000sqft	0.07	2,863.00	0
High Turnover (Sit Down Restaurant)	9.85	1000sqft	0.00	9,848.00	0
Hotel	444.00	Room	0.22	230,011.00	0
Quality Restaurant	13.05	1000sqft	0.00	13,052.00	0
Apartments High Rise	136.00	Dwelling Unit	0.00	156,301.00	389
Movie Theater (No Matinee)	11.09	1000sqft	0.00	11,091.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Morrison Hotel - Los Angeles-South Coast County, Annual

Project Characteristics -

Land Use - Net site area= 54,591 SF (1.253 ac). Ftpprint = aprx 1.18 ac. 136 apts/156,301 SF of residntl. 444 hotel rm/230,011 SF. 9,848 SF HT restrnt. 13,052 SF Qlty restrnt., 2,863 SF Indpg.222 pk sp/103,667 SF.

Construction Phase - Construction/demo to start in Feb 2021. Demo and site prep ~ 4 months, grading and excavation ~5 months, building construction ~22 months, finishing (paving and coating) ~ 5 months.

Trips and VMT - Haul route to Sunshine Canyon Landfill in Sylmar is ~29 miles from the site

Demolition - Demo of: 3 commercial industrial buildings (9,300 + 7,750 + 15,500 = 32,550 sf) and surface parking lot (9,461 sf)= 42,011 SF

Grading - 130,000 CY of export. Minimal grading required...mostly excavation.

Architectural Coating - Per SCAQMD Rule 1113 paints applied to buildings limited to 50g/L VOC or less.

Vehicle Trips - Post TDM Trip gen per TIA (incldes rdxn fr transit trips):Apts 3.78 trps/DU, Hotel 7.11 trps/rm; (incl rdxn fr transit, passby&intrnal trps [passby trip#s divided & added to primry &divert trps] HTrest 61.03 trp/TSF;Q rest 57.0 trp/TSF;museum 53.1 trp/TSF

Woodstoves - No woodburing stoves or fireplaces.

Area Coating - Per SCAQMD Rule 1113 paints limited to 50g/L VOC or less.

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - Located in dwntwn LA. 136 DU/1.293 net ac = 105 DU/ac. 88 jobs/ 1.293 net ac = 68 jobs/job ac. Mixed use residential/hotel/commercial. Walkable/bikeable to off-site transit. TDM benefits already taken in trip generation.

Energy Mitigation - Project design features include energy efficient: lighting, elevator, mechanical systems,glazing and window frames. Energy star appliances shall be used wherever appliances are installed on site. 2019 Title 24 is ~30% more efficient than 2016 Stnds.

Water Mitigation - Low flow faucets, toilets, showers and water-efficient irrigation/landscaping to be installed on-site.

Waste Mitigation - AB 341 requires 75% diversion of waste by 2020

Stationary Sources - Emergency Generators and Fire Pumps - 30 mins a month plus annual run of 90 mins =7.5 hours per year for maintenance; plus a one-time start up run of 3.5 hours gives a grand total of 11 hours per year

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	44.00

Morrison Hotel - Los Angeles-South Coast County, Annual

tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	102.00
tblConstructionPhase	NumDays	200.00	440.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	PhaseEndDate	2/26/2021	4/1/2021
tblConstructionPhase	PhaseEndDate	3/2/2021	4/29/2021
tblConstructionPhase	PhaseEndDate	3/8/2021	9/20/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	5/27/2023
tblConstructionPhase	PhaseEndDate	12/27/2021	8/5/2023
tblConstructionPhase	PhaseEndDate	1/10/2022	10/13/2023
tblConstructionPhase	PhaseStartDate	2/27/2021	4/2/2021
tblConstructionPhase	PhaseStartDate	3/3/2021	4/30/2021
tblConstructionPhase	PhaseStartDate	3/9/2021	9/19/2021
tblConstructionPhase	PhaseStartDate	12/14/2021	5/28/2023
tblConstructionPhase	PhaseStartDate	12/28/2021	8/6/2023
tblFireplaces	NumberGas	115.60	122.40
tblFireplaces	NumberWood	6.80	0.00
tblGrading	AcresOfGrading	38.25	1.50
tblGrading	AcresOfGrading	10.00	1.50
tblGrading	MaterialExported	0.00	130,000.00
tblLandUse	LandUseSquareFeet	88,800.00	103,667.00
tblLandUse	LandUseSquareFeet	2,860.00	2,863.00
tblLandUse	LandUseSquareFeet	644,688.00	230,011.00
tblLandUse	LandUseSquareFeet	136,000.00	156,301.00
tblLandUse	LotAcreage	2.00	0.96
tblLandUse	LotAcreage	0.23	0.00

Morrison Hotel - Los Angeles-South Coast County, Annual

tblLandUse	LotAcreage	14.80	0.22
tblLandUse	LotAcreage	0.30	0.00
tblLandUse	LotAcreage	2.19	0.00
tblLandUse	LotAcreage	0.25	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,682.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	11.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblVehicleTrips	DV_TP	20.00	43.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	37.00	57.00
tblVehicleTrips	ST_TR	4.98	3.78
tblVehicleTrips	ST_TR	158.37	61.03
tblVehicleTrips	ST_TR	8.19	7.11
tblVehicleTrips	ST_TR	94.36	57.00
tblVehicleTrips	ST_TR	99.28	53.10
tblVehicleTrips	SU_TR	3.65	3.78
tblVehicleTrips	SU_TR	131.84	61.03
tblVehicleTrips	SU_TR	5.95	7.11
tblVehicleTrips	SU_TR	72.16	57.00
tblVehicleTrips	SU_TR	81.90	53.10
tblVehicleTrips	WD_TR	4.20	3.78
tblVehicleTrips	WD_TR	127.15	61.03
tblVehicleTrips	WD_TR	8.17	7.11
tblVehicleTrips	WD_TR	89.95	57.00
tblVehicleTrips	WD_TR	78.06	53.10

Morrison Hotel - Los Angeles-South Coast County, Annual

tblWoodstoves	NumberCatalytic	6.80	0.00
tblWoodstoves	NumberNoncatalytic	6.80	0.00

2.0 Emissions Summary

Morrison Hotel - Los Angeles-South Coast County, Annual

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					
2021	0.3404	5.1221	2.3856	0.0130	0.6480	0.1000	0.7480	0.2513	0.0938	0.3451	0.0000	1,236.2278	1,236.2278	0.1141	0.0000	1,239.0807
2022	0.3760	2.6395	3.0518	8.8100e-003	0.4233	0.0812	0.5044	0.1138	0.0783	0.1921	0.0000	789.3351	789.3351	0.0640	0.0000	790.9356
2023	1.2817	1.1231	1.4954	4.0500e-003	0.1885	0.0381	0.2266	0.0506	0.0365	0.0871	0.0000	361.6359	361.6359	0.0345	0.0000	362.4987
Maximum	1.2817	5.1221	3.0518	0.0130	0.6480	0.1000	0.7480	0.2513	0.0938	0.3451	0.0000	1,236.2278	1,236.2278	0.1141	0.0000	1,239.0807

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					
2021	0.3404	5.1221	2.3856	0.0130	0.4573	0.1000	0.5573	0.1537	0.0938	0.2475	0.0000	1,236.2276	1,236.2276	0.1141	0.0000	1,239.0805
2022	0.3760	2.6395	3.0518	8.8100e-003	0.4233	0.0812	0.5044	0.1138	0.0783	0.1921	0.0000	789.3349	789.3349	0.0640	0.0000	790.9353
2023	1.2817	1.1231	1.4954	4.0500e-003	0.1885	0.0381	0.2266	0.0506	0.0365	0.0871	0.0000	361.6357	361.6357	0.0345	0.0000	362.4986
Maximum	1.2817	5.1221	3.0518	0.0130	0.4573	0.1000	0.5573	0.1537	0.0938	0.2475	0.0000	1,236.2276	1,236.2276	0.1141	0.0000	1,239.0805

Morrison Hotel - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	15.14	0.00	12.90	23.47	0.00	15.63	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	2-1-2021	4-30-2021	0.7173	0.7173
2	5-1-2021	7-31-2021	2.3911	2.3911
3	8-1-2021	10-31-2021	1.7085	1.7085
4	11-1-2021	1-31-2022	0.8010	0.8010
5	2-1-2022	4-30-2022	0.7345	0.7345
6	5-1-2022	7-31-2022	0.7553	0.7553
7	8-1-2022	10-31-2022	0.7573	0.7573
8	11-1-2022	1-31-2023	0.7304	0.7304
9	2-1-2023	4-30-2023	0.6460	0.6460
10	5-1-2023	7-31-2023	0.3565	0.3565
11	8-1-2023	9-30-2023	0.9411	0.9411
		Highest	2.3911	2.3911

Morrison Hotel - Los Angeles-South Coast County, Annual

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	1.6832	0.0416	1.4217	2.4000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8100e-003	5.4000e-004	31.9320
Energy	0.0661	0.5970	0.4776	3.6000e-003		0.0457	0.0457		0.0457	0.0457	0.0000	2,894.8490	2,894.8490	0.0655	0.0229	2,903.3213
Mobile	1.2776	5.8037	15.2201	0.0574	4.8967	0.0444	4.9411	1.3124	0.0413	1.3537	0.0000	5,308.8319	5,308.8319	0.2623	0.0000	5,315.3887
Stationary	0.0242	0.1083	0.0617	1.2000e-004		3.5600e-003	3.5600e-003		3.5600e-003	3.5600e-003	0.0000	11.2343	11.2343	1.5800e-003	0.0000	11.2737
Waste						0.0000	0.0000		0.0000	0.0000	101.0875	0.0000	101.0875	5.9741	0.0000	250.4399
Water						0.0000	0.0000		0.0000	0.0000	10.0025	275.4657	285.4682	1.0339	0.0256	318.9448
Total	3.0511	6.5506	17.1811	0.0613	4.8967	0.1035	5.0001	1.3124	0.1003	1.4127	111.0900	8,522.0820	8,633.1720	7.3401	0.0491	8,831.3003

Morrison Hotel - Los Angeles-South Coast County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.6832	0.0416	1.4217	2.4000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8100e-003	5.4000e-004	31.9320
Energy	0.0559	0.5047	0.4034	3.0500e-003		0.0386	0.0386		0.0386	0.0386	0.0000	2,462.8571	2,462.8571	0.0557	0.0195	2,470.0515
Mobile	1.1259	4.9843	11.4995	0.0407	3.3591	0.0322	3.3913	0.9003	0.0299	0.9303	0.0000	3,773.2369	3,773.2369	0.1960	0.0000	3,778.1373
Stationary	0.0242	0.1083	0.0617	1.2000e-004		3.5600e-003	3.5600e-003		3.5600e-003	3.5600e-003	0.0000	11.2343	11.2343	1.5800e-003	0.0000	11.2737
Waste						0.0000	0.0000		0.0000	0.0000	25.2719	0.0000	25.2719	1.4935	0.0000	62.6100
Water						0.0000	0.0000		0.0000	0.0000	8.0020	226.8798	234.8818	0.8272	0.0205	261.6764
Total	2.8891	5.6389	13.3863	0.0441	3.3591	0.0842	3.4433	0.9003	0.0819	0.9823	33.2739	6,505.9094	6,539.1832	2.5769	0.0405	6,615.6808

	ROG	NOx	CO	SO2	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	5.31	13.92	22.09	28.01	31.40	18.58	31.13	31.40	18.32	30.47	70.05	23.66	24.26	64.89	17.42	25.09

Morrison Hotel - Los Angeles-South Coast County, Annual

2.3 Vegetation

Vegetation

	CO2e
Category	MT
New Trees	0.0000
Total	0.0000

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	2/1/2021	4/1/2021	5	44	
2	Site Preparation	Site Preparation	4/2/2021	4/29/2021	5	20	
3	Grading	Grading	4/30/2021	9/20/2021	5	102	
4	Building Construction	Building Construction	9/19/2021	5/27/2023	5	440	
5	Paving	Paving	5/28/2023	8/5/2023	5	50	
6	Architectural Coating	Architectural Coating	8/6/2023	10/13/2023	5	50	

Acres of Grading (Site Preparation Phase): 1.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.03

Morrison Hotel - Los Angeles-South Coast County, Annual

Residential Indoor: 316,510; Residential Outdoor: 105,503; Non-Residential Indoor: 396,003; Non-Residential Outdoor: 132,001; Striped Parking Area: 6,392 (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	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Morrison Hotel - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	191.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	16,250.00	14.70	6.90	29.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	254.00	75.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	51.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

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					0.0207	0.0000	0.0207	3.1300e-003	0.0000	3.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0439	0.4333	0.3188	5.3000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	46.3569	46.3569	0.0119	0.0000	46.6533
Total	0.0439	0.4333	0.3188	5.3000e-004	0.0207	0.0229	0.0436	3.1300e-003	0.0214	0.0245	0.0000	46.3569	46.3569	0.0119	0.0000	46.6533

Morrison Hotel - Los Angeles-South Coast County, Annual

3.2 Demolition - 2021

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	1.0900e-003	0.0344	8.3600e-003	1.0000e-004	2.3800e-003	1.1000e-004	2.4900e-003	6.5000e-004	1.1000e-004	7.6000e-004	0.0000	10.1342	10.1342	6.7000e-004	0.0000	10.1509
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	1.2300e-003	9.6000e-004	0.0108	3.0000e-005	3.1300e-003	3.0000e-005	3.1600e-003	8.3000e-004	2.0000e-005	8.6000e-004	0.0000	2.8283	2.8283	8.0000e-005	0.0000	2.8304
Total	2.3200e-003	0.0354	0.0192	1.3000e-004	5.5100e-003	1.4000e-004	5.6500e-003	1.4800e-003	1.3000e-004	1.6200e-003	0.0000	12.9625	12.9625	7.5000e-004	0.0000	12.9813

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					8.0600e-003	0.0000	8.0600e-003	1.2200e-003	0.0000	1.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0439	0.4333	0.3188	5.3000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	46.3569	46.3569	0.0119	0.0000	46.6532
Total	0.0439	0.4333	0.3188	5.3000e-004	8.0600e-003	0.0229	0.0310	1.2200e-003	0.0214	0.0226	0.0000	46.3569	46.3569	0.0119	0.0000	46.6532

Morrison Hotel - Los Angeles-South Coast County, Annual

3.2 Demolition - 2021

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	1.0900e-003	0.0344	8.3600e-003	1.0000e-004	2.3800e-003	1.1000e-004	2.4900e-003	6.5000e-004	1.1000e-004	7.6000e-004	0.0000	10.1342	10.1342	6.7000e-004	0.0000	10.1509
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	1.2300e-003	9.6000e-004	0.0108	3.0000e-005	3.1300e-003	3.0000e-005	3.1600e-003	8.3000e-004	2.0000e-005	8.6000e-004	0.0000	2.8283	2.8283	8.0000e-005	0.0000	2.8304
Total	2.3200e-003	0.0354	0.0192	1.3000e-004	5.5100e-003	1.4000e-004	5.6500e-003	1.4800e-003	1.3000e-004	1.6200e-003	0.0000	12.9625	12.9625	7.5000e-004	0.0000	12.9813

3.3 Site Preparation - 2021

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					0.0535	0.0000	0.0535	0.0291	0.0000	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0156	0.1742	0.0756	1.7000e-004		7.6500e-003	7.6500e-003		7.0400e-003	7.0400e-003	0.0000	15.1184	15.1184	4.8900e-003	0.0000	15.2406
Total	0.0156	0.1742	0.0756	1.7000e-004	0.0535	7.6500e-003	0.0611	0.0291	7.0400e-003	0.0361	0.0000	15.1184	15.1184	4.8900e-003	0.0000	15.2406

Morrison Hotel - Los Angeles-South Coast County, Annual

3.3 Site Preparation - 2021

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	3.4000e-004	2.7000e-004	3.0300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7911	0.7911	2.0000e-005	0.0000	0.7917
Total	3.4000e-004	2.7000e-004	3.0300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7911	0.7911	2.0000e-005	0.0000	0.7917

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					0.0209	0.0000	0.0209	0.0113	0.0000	0.0113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0156	0.1742	0.0756	1.7000e-004		7.6500e-003	7.6500e-003		7.0400e-003	7.0400e-003	0.0000	15.1184	15.1184	4.8900e-003	0.0000	15.2406
Total	0.0156	0.1742	0.0756	1.7000e-004	0.0209	7.6500e-003	0.0285	0.0113	7.0400e-003	0.0184	0.0000	15.1184	15.1184	4.8900e-003	0.0000	15.2406

Morrison Hotel - Los Angeles-South Coast County, Annual

3.3 Site Preparation - 2021

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	3.4000e-004	2.7000e-004	3.0300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7911	0.7911	2.0000e-005	0.0000	0.7917
Total	3.4000e-004	2.7000e-004	3.0300e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7911	0.7911	2.0000e-005	0.0000	0.7917

3.4 Grading - 2021

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					0.2385	0.0000	0.2385	0.1278	0.0000	0.1278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0657	0.7309	0.3229	7.2000e-004		0.0325	0.0325		0.0299	0.0299	0.0000	63.1567	63.1567	0.0204	0.0000	63.6673
Total	0.0657	0.7309	0.3229	7.2000e-004	0.2385	0.0325	0.2710	0.1278	0.0299	0.1578	0.0000	63.1567	63.1567	0.0204	0.0000	63.6673

Morrison Hotel - Los Angeles-South Coast County, Annual

3.4 Grading - 2021

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	0.0931	2.9259	0.7114	8.7600e-003	0.2024	9.6100e-003	0.2120	0.0556	9.2000e-003	0.0648	0.0000	862.2055	862.2055	0.0569	0.0000	863.6274
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	1.7600e-003	1.3700e-003	0.0154	4.0000e-005	4.4700e-003	4.0000e-005	4.5100e-003	1.1900e-003	3.0000e-005	1.2200e-003	0.0000	4.0348	4.0348	1.2000e-004	0.0000	4.0378
Total	0.0949	2.9273	0.7268	8.8000e-003	0.2069	9.6500e-003	0.2165	0.0568	9.2300e-003	0.0660	0.0000	866.2403	866.2403	0.0570	0.0000	867.6651

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					0.0930	0.0000	0.0930	0.0499	0.0000	0.0499	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0657	0.7309	0.3229	7.2000e-004		0.0325	0.0325		0.0299	0.0299	0.0000	63.1566	63.1566	0.0204	0.0000	63.6672
Total	0.0657	0.7309	0.3229	7.2000e-004	0.0930	0.0325	0.1255	0.0499	0.0299	0.0798	0.0000	63.1566	63.1566	0.0204	0.0000	63.6672

Morrison Hotel - Los Angeles-South Coast County, Annual

3.4 Grading - 2021

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	0.0931	2.9259	0.7114	8.7600e-003	0.2024	9.6100e-003	0.2120	0.0556	9.2000e-003	0.0648	0.0000	862.2055	862.2055	0.0569	0.0000	863.6274
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	1.7600e-003	1.3700e-003	0.0154	4.0000e-005	4.4700e-003	4.0000e-005	4.5100e-003	1.1900e-003	3.0000e-005	1.2200e-003	0.0000	4.0348	4.0348	1.2000e-004	0.0000	4.0378
Total	0.0949	2.9273	0.7268	8.8000e-003	0.2069	9.6500e-003	0.2165	0.0568	9.2300e-003	0.0660	0.0000	866.2403	866.2403	0.0570	0.0000	867.6651

3.5 Building Construction - 2021

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	0.0680	0.5114	0.4837	8.3000e-004		0.0257	0.0257		0.0248	0.0248	0.0000	68.0804	68.0804	0.0122	0.0000	68.3842
Total	0.0680	0.5114	0.4837	8.3000e-004		0.0257	0.0257		0.0248	0.0248	0.0000	68.0804	68.0804	0.0122	0.0000	68.3842

Morrison Hotel - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2021

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	8.7300e-003	0.2776	0.0753	7.2000e-004	0.0177	5.7000e-004	0.0183	5.1100e-003	5.4000e-004	5.6500e-003	0.0000	69.3272	69.3272	4.2500e-003	0.0000	69.4335
Worker	0.0410	0.0319	0.3602	1.0400e-003	0.1044	8.6000e-004	0.1052	0.0277	7.9000e-004	0.0285	0.0000	94.1944	94.1944	2.7700e-003	0.0000	94.2636
Total	0.0497	0.3095	0.4355	1.7600e-003	0.1221	1.4300e-003	0.1235	0.0328	1.3300e-003	0.0342	0.0000	163.5215	163.5215	7.0200e-003	0.0000	163.6971

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	0.0680	0.5114	0.4837	8.3000e-004		0.0257	0.0257		0.0248	0.0248	0.0000	68.0803	68.0803	0.0122	0.0000	68.3841
Total	0.0680	0.5114	0.4837	8.3000e-004		0.0257	0.0257		0.0248	0.0248	0.0000	68.0803	68.0803	0.0122	0.0000	68.3841

Morrison Hotel - Los Angeles-South Coast County, Annual

3.5 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.7300e-003	0.2776	0.0753	7.2000e-004	0.0177	5.7000e-004	0.0183	5.1100e-003	5.4000e-004	5.6500e-003	0.0000	69.3272	69.3272	4.2500e-003	0.0000	69.4335
Worker	0.0410	0.0319	0.3602	1.0400e-003	0.1044	8.6000e-004	0.1052	0.0277	7.9000e-004	0.0285	0.0000	94.1944	94.1944	2.7700e-003	0.0000	94.2636
Total	0.0497	0.3095	0.4355	1.7600e-003	0.1221	1.4300e-003	0.1235	0.0328	1.3300e-003	0.0342	0.0000	163.5215	163.5215	7.0200e-003	0.0000	163.6971

3.5 Building Construction - 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					
Off-Road	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0500	236.0500	0.0411	0.0000	237.0778
Total	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0500	236.0500	0.0411	0.0000	237.0778

Morrison Hotel - Los Angeles-South Coast County, Annual

3.5 Building Construction - 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	0.0284	0.9142	0.2468	2.4500e-003	0.0614	1.7200e-003	0.0631	0.0177	1.6400e-003	0.0194	0.0000	238.2232	238.2232	0.0142	0.0000	238.5790
Worker	0.1332	0.0999	1.1505	3.4900e-003	0.3618	2.8900e-003	0.3647	0.0961	2.6600e-003	0.0988	0.0000	315.0619	315.0619	8.6800e-003	0.0000	315.2788
Total	0.1617	1.0141	1.3974	5.9400e-003	0.4233	4.6100e-003	0.4279	0.1138	4.3000e-003	0.1181	0.0000	553.2852	553.2852	0.0229	0.0000	553.8578

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	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0497	236.0497	0.0411	0.0000	237.0775
Total	0.2143	1.6254	1.6544	2.8700e-003		0.0766	0.0766		0.0740	0.0740	0.0000	236.0497	236.0497	0.0411	0.0000	237.0775

Morrison Hotel - Los Angeles-South Coast County, Annual

3.5 Building Construction - 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	0.0284	0.9142	0.2468	2.4500e-003	0.0614	1.7200e-003	0.0631	0.0177	1.6400e-003	0.0194	0.0000	238.2232	238.2232	0.0142	0.0000	238.5790
Worker	0.1332	0.0999	1.1505	3.4900e-003	0.3618	2.8900e-003	0.3647	0.0961	2.6600e-003	0.0988	0.0000	315.0619	315.0619	8.6800e-003	0.0000	315.2788
Total	0.1617	1.0141	1.3974	5.9400e-003	0.4233	4.6100e-003	0.4279	0.1138	4.3000e-003	0.1181	0.0000	553.2852	553.2852	0.0229	0.0000	553.8578

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	0.0800	0.6148	0.6621	1.1600e-003		0.0270	0.0270		0.0261	0.0261	0.0000	95.3395	95.3395	0.0162	0.0000	95.7443
Total	0.0800	0.6148	0.6621	1.1600e-003		0.0270	0.0270		0.0261	0.0261	0.0000	95.3395	95.3395	0.0162	0.0000	95.7443

Morrison Hotel - Los Angeles-South Coast County, Annual

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	8.5200e-003	0.2789	0.0894	9.6000e-004	0.0248	3.3000e-004	0.0251	7.1600e-003	3.1000e-004	7.4700e-003	0.0000	93.1937	93.1937	5.0800e-003	0.0000	93.3207
Worker	0.0506	0.0365	0.4273	1.3600e-003	0.1461	1.1300e-003	0.1473	0.0388	1.0400e-003	0.0399	0.0000	122.5806	122.5806	3.1600e-003	0.0000	122.6595
Total	0.0591	0.3154	0.5167	2.3200e-003	0.1709	1.4600e-003	0.1724	0.0460	1.3500e-003	0.0473	0.0000	215.7743	215.7743	8.2400e-003	0.0000	215.9801

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	0.0800	0.6148	0.6621	1.1600e-003		0.0270	0.0270		0.0261	0.0261	0.0000	95.3394	95.3394	0.0162	0.0000	95.7442
Total	0.0800	0.6148	0.6621	1.1600e-003		0.0270	0.0270		0.0261	0.0261	0.0000	95.3394	95.3394	0.0162	0.0000	95.7442

Morrison Hotel - Los Angeles-South Coast County, Annual

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	8.5200e-003	0.2789	0.0894	9.6000e-004	0.0248	3.3000e-004	0.0251	7.1600e-003	3.1000e-004	7.4700e-003	0.0000	93.1937	93.1937	5.0800e-003	0.0000	93.3207
Worker	0.0506	0.0365	0.4273	1.3600e-003	0.1461	1.1300e-003	0.1473	0.0388	1.0400e-003	0.0399	0.0000	122.5806	122.5806	3.1600e-003	0.0000	122.6595
Total	0.0591	0.3154	0.5167	2.3200e-003	0.1709	1.4600e-003	0.1724	0.0460	1.3500e-003	0.0473	0.0000	215.7743	215.7743	8.2400e-003	0.0000	215.9801

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	0.0161	0.1559	0.2201	3.4000e-004		7.7100e-003	7.7100e-003		7.1200e-003	7.1200e-003	0.0000	29.4311	29.4311	9.3300e-003	0.0000	29.6643
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0161	0.1559	0.2201	3.4000e-004		7.7100e-003	7.7100e-003		7.1200e-003	7.1200e-003	0.0000	29.4311	29.4311	9.3300e-003	0.0000	29.6643

Morrison Hotel - Los Angeles-South Coast County, Annual

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	1.2300e-003	8.9000e-004	0.0104	3.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	2.9875	2.9875	8.0000e-005	0.0000	2.9895
Total	1.2300e-003	8.9000e-004	0.0104	3.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	2.9875	2.9875	8.0000e-005	0.0000	2.9895

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	0.0161	0.1559	0.2201	3.4000e-004		7.7100e-003	7.7100e-003		7.1200e-003	7.1200e-003	0.0000	29.4310	29.4310	9.3300e-003	0.0000	29.6643
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0161	0.1559	0.2201	3.4000e-004		7.7100e-003	7.7100e-003		7.1200e-003	7.1200e-003	0.0000	29.4310	29.4310	9.3300e-003	0.0000	29.6643

Morrison Hotel - Los Angeles-South Coast County, Annual

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	1.2300e-003	8.9000e-004	0.0104	3.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	2.9875	2.9875	8.0000e-005	0.0000	2.9895
Total	1.2300e-003	8.9000e-004	0.0104	3.0000e-005	3.5600e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	2.9875	2.9875	8.0000e-005	0.0000	2.9895

3.7 Architectural Coating - 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					
Archit. Coating	1.1157					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7900e-003	0.0326	0.0453	7.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	6.3831	6.3831	3.8000e-004	0.0000	6.3927
Total	1.1204	0.0326	0.0453	7.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	6.3831	6.3831	3.8000e-004	0.0000	6.3927

Morrison Hotel - Los Angeles-South Coast County, Annual

3.7 Architectural Coating - 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	4.8400e-003	3.4900e-003	0.0409	1.3000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	11.7203	11.7203	3.0000e-004	0.0000	11.7279
Total	4.8400e-003	3.4900e-003	0.0409	1.3000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	11.7203	11.7203	3.0000e-004	0.0000	11.7279

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	1.1157					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7900e-003	0.0326	0.0453	7.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	6.3831	6.3831	3.8000e-004	0.0000	6.3927
Total	1.1204	0.0326	0.0453	7.0000e-005		1.7700e-003	1.7700e-003		1.7700e-003	1.7700e-003	0.0000	6.3831	6.3831	3.8000e-004	0.0000	6.3927

Morrison Hotel - Los Angeles-South Coast County, Annual

3.7 Architectural Coating - 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	4.8400e-003	3.4900e-003	0.0409	1.3000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	11.7203	11.7203	3.0000e-004	0.0000	11.7279
Total	4.8400e-003	3.4900e-003	0.0409	1.3000e-004	0.0140	1.1000e-004	0.0141	3.7100e-003	1.0000e-004	3.8100e-003	0.0000	11.7203	11.7203	3.0000e-004	0.0000	11.7279

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

Morrison Hotel - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1259	4.9843	11.4995	0.0407	3.3591	0.0322	3.3913	0.9003	0.0299	0.9303	0.0000	3,773.2369	3,773.2369	0.1960	0.0000	3,778.1373
Unmitigated	1.2776	5.8037	15.2201	0.0574	4.8967	0.0444	4.9411	1.3124	0.0413	1.3537	0.0000	5,308.8319	5,308.8319	0.2623	0.0000	5,315.3887

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	514.08	514.08	514.08	1,756,689	1,205,089
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	601.02	601.02	601.02	1,306,100	895,985
Hotel	3,156.84	3,156.84	3,156.84	7,532,760	5,167,474
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	743.96	743.96	743.96	1,059,130	726,563
Movie Theater (No Matinee)	588.93	588.93	588.93	1,247,957	856,099
Total	5,604.84	5,604.84	5,604.84	12,902,638	8,851,210

4.3 Trip Type Information

Morrison Hotel - Los Angeles-South Coast County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	57	43	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	66	17	17

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Hotel	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Quality Restaurant	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Movie Theater (No Matinee)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Morrison Hotel - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,910.0008	1,910.0008	0.0451	9.3300e-003	1,913.9098
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	2,240.9119	2,240.9119	0.0529	0.0110	2,245.4981
NaturalGas Mitigated	0.0559	0.5047	0.4034	3.0500e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.8563	552.8563	0.0106	0.0101	556.1417
NaturalGas Unmitigated	0.0661	0.5970	0.4776	3.6000e-003		0.0457	0.0457		0.0457	0.0457	0.0000	653.9371	653.9371	0.0125	0.0120	657.8231

Morrison Hotel - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	1.2535e+006	6.7600e-003	0.0578	0.0246	3.7000e-004		4.6700e-003	4.6700e-003		4.6700e-003	4.6700e-003	0.0000	66.8917	66.8917	1.2800e-003	1.2300e-003	67.2892
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.27252e+006	0.0123	0.1114	0.0936	6.7000e-004		8.4700e-003	8.4700e-003		8.4700e-003	8.4700e-003	0.0000	121.2706	121.2706	2.3200e-003	2.2200e-003	121.9912
Hotel	5.51566e+006	0.0297	0.2704	0.2271	1.6200e-003		0.0206	0.0206		0.0206	0.0206	0.0000	294.3368	294.3368	5.6400e-003	5.4000e-003	296.0859
Movie Theater (No Matinee)	200747	1.0800e-003	9.8400e-003	8.2700e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7126	10.7126	2.1000e-004	2.0000e-004	10.7763
Other Non-Asphalt Surfaces	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
Quality Restaurant	3.01188e+006	0.0162	0.1476	0.1240	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.7254	160.7254	3.0800e-003	2.9500e-003	161.6805
Total		0.0661	0.5970	0.4776	3.6100e-003		0.0457	0.0457		0.0457	0.0457	0.0000	653.9371	653.9371	0.0125	0.0120	657.8231

Morrison Hotel - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	1.07456e+006	5.7900e-003	0.0495	0.0211	3.2000e-004		4.0000e-003	4.0000e-003		4.0000e-003	4.0000e-003	0.0000	57.3425	57.3425	1.1000e-003	1.0500e-003	57.6832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.14554e+006	0.0116	0.1052	0.0884	6.3000e-004		7.9900e-003	7.9900e-003		7.9900e-003	7.9900e-003	0.0000	114.4944	114.4944	2.1900e-003	2.1000e-003	115.1748
Hotel	4.14112e+006	0.0223	0.2030	0.1705	1.2200e-003		0.0154	0.0154		0.0154	0.0154	0.0000	220.9858	220.9858	4.2400e-003	4.0500e-003	222.2990
Movie Theater (No Matinee)	155329	8.4000e-004	7.6100e-003	6.4000e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	8.2890	8.2890	1.6000e-004	1.5000e-004	8.3382
Other Non-Asphalt Surfaces	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
Quality Restaurant	2.84359e+006	0.0153	0.1394	0.1171	8.4000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	151.7446	151.7446	2.9100e-003	2.7800e-003	152.6464
Total		0.0559	0.5047	0.4034	3.0600e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.8563	552.8563	0.0106	0.0101	556.1417

Morrison Hotel - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	538571	299.9633	7.0800e-003	1.4700e-003	300.5772
Enclosed Parking with Elevator	607489	338.3478	7.9900e-003	1.6500e-003	339.0403
High Turnover (Sit Down Restaurant)	434691	242.1060	5.7200e-003	1.1800e-003	242.6015
Hotel	1.74348e+006	971.0532	0.0229	4.7400e-003	973.0405
Movie Theater (No Matinee)	123110	68.5676	1.6200e-003	3.4000e-004	68.7079
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	576115	320.8741	7.5800e-003	1.5700e-003	321.5308
Total		2,240.9119	0.0529	0.0110	2,245.4981

Morrison Hotel - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	501286	279.1973	6.5900e-003	1.3600e-003	279.7687
Enclosed Parking with Elevator	456549	254.2805	6.0100e-003	1.2400e-003	254.8009
High Turnover (Sit Down Restaurant)	398330	221.8545	5.2400e-003	1.0800e-003	222.3085
Hotel	1.45841e+006	812.2770	0.0192	3.9700e-003	813.9394
Movie Theater (No Matinee)	107910	60.1017	1.4200e-003	2.9000e-004	60.2247
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	506839	282.2899	6.6700e-003	1.3800e-003	282.8677
Total		1,910.0008	0.0451	9.3200e-003	1,913.9098

6.0 Area Detail

6.1 Mitigation Measures Area

Morrison Hotel - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6832	0.0416	1.4217	2.4000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8100e-003	5.4000e-004	31.9320
Unmitigated	1.6832	0.0416	1.4217	2.4000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8100e-003	5.4000e-004	31.9320

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	0.1116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.5257					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.9700e-003	0.0254	0.0108	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003	0.0000	29.3928	29.3928	5.6000e-004	5.4000e-004	29.5675
Landscaping	0.0430	0.0162	1.4109	7.0000e-005		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	2.3084	2.3084	2.2400e-003	0.0000	2.3645
Total	1.6832	0.0416	1.4217	2.3000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8000e-003	5.4000e-004	31.9320

Morrison Hotel - Los Angeles-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1116					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.5257					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.9700e-003	0.0254	0.0108	1.6000e-004		2.0500e-003	2.0500e-003		2.0500e-003	2.0500e-003	0.0000	29.3928	29.3928	5.6000e-004	5.4000e-004	29.5675
Landscaping	0.0430	0.0162	1.4109	7.0000e-005		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	2.3084	2.3084	2.2400e-003	0.0000	2.3645
Total	1.6832	0.0416	1.4217	2.3000e-004		9.8500e-003	9.8500e-003		9.8500e-003	9.8500e-003	0.0000	31.7012	31.7012	2.8000e-003	5.4000e-004	31.9320

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Morrison Hotel - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	234.8818	0.8272	0.0205	261.6764
Unmitigated	285.4682	1.0339	0.0256	318.9448

Morrison Hotel - Los Angeles-South Coast County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	8.86095 / 5.58625	101.6393	0.2911	7.3000e-003	111.0916
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.98981 / 0.190839	23.8121	0.0980	2.4100e-003	26.9800
Hotel	11.2628 / 1.25143	92.9972	0.3691	9.1000e-003	104.9376
Movie Theater (No Matinee)	4.45376 / 0.284283	35.4716	0.1459	3.5900e-003	40.1906
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.96111 / 0.252837	31.5480	0.1298	3.2000e-003	35.7450
Total		285.4682	1.0339	0.0256	318.9448

Morrison Hotel - Los Angeles-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	7.08876 / 5.24549	86.1163	0.2330	5.8600e-003	93.6879
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.39185 / 0.179198	19.2138	0.0784	1.9300e-003	21.7484
Hotel	9.01028 / 1.17509	75.4741	0.2953	7.2900e-003	85.0286
Movie Theater (No Matinee)	3.56301 / 0.266941	28.6218	0.1168	2.8800e-003	32.3975
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	3.16889 / 0.237414	25.4559	0.1038	2.5600e-003	28.8139
Total		234.8818	0.8273	0.0205	261.6764

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Morrison Hotel - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	25.2719	1.4935	0.0000	62.6100
Unmitigated	101.0875	5.9741	0.0000	250.4399

Morrison Hotel - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	62.56	12.6991	0.7505	0.0000	31.4615
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	117.22	23.7946	1.4062	0.0000	58.9501
Hotel	243.09	49.3451	2.9162	0.0000	122.2503
Movie Theater (No Matinee)	63.21	12.8311	0.7583	0.0000	31.7884
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	11.91	2.4176	0.1429	0.0000	5.9896
Total		101.0875	5.9741	0.0000	250.4399

Morrison Hotel - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	15.64	3.1748	0.1876	0.0000	7.8654
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	29.305	5.9487	0.3516	0.0000	14.7375
Hotel	60.7725	12.3363	0.7291	0.0000	30.5626
Movie Theater (No Matinee)	15.8025	3.2078	0.1896	0.0000	7.9471
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Quality Restaurant	2.9775	0.6044	0.0357	0.0000	1.4974
Total		25.2719	1.4935	0.0000	62.6100

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Morrison Hotel - Los Angeles-South Coast County, Annual

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	11	2682	0.73	Diesel

Boilers

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

User Defined Equipment

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

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (750 - 9999 HP)	0.0242	0.1083	0.0617	1.2000e-004		3.5600e-003	3.5600e-003		3.5600e-003	3.5600e-003	0.0000	11.2343	11.2343	1.5800e-003	0.0000	11.2737
Total	0.0242	0.1083	0.0617	1.2000e-004		3.5600e-003	3.5600e-003		3.5600e-003	3.5600e-003	0.0000	11.2343	11.2343	1.5800e-003	0.0000	11.2737

11.0 Vegetation

Morrison Hotel - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	0.0000	0.0000	0.0000	0.0000

11.2 Net New Trees

Species Class

	Number of Trees	Total CO2	CH4	N2O	CO2e
		MT			
Miscellaneous	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Morrison weekday VMT only - Los Angeles-South Coast County, Annual

**Morrison weekday VMT only
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1,000.00	User Defined Unit	1.25	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year		2024	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Weekday VMT Operational Analysis for mobile sources ONLY
 Land Use - 1,000 SF of generic commercial use for VMT calculation only. Project is on 1.25 ac.
 Construction Phase - Constuction calculated in a different run.
 Vehicle Trips - 4,240 trips per weekday = 4.24 trips per TSF. Trip length = 6.16320754717 miles
 Woodstoves -
 Area Coating -
 Energy Use -

2.0 Emissions Summary

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					
Mobile	0.6837	3.1001	8.0611	0.0303	2.5785	0.0235	2.6020	0.6911	0.0218	0.7129	0.0000	2,801.3043	2,801.3043	0.1388	0.0000	2,804.7747

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					
Mobile	0.6837	3.1001	8.0611	0.0303	2.5785	0.0235	2.6020	0.6911	0.0218	0.7129	0.0000	2,801.3043	2,801.3043	0.1388	0.0000	2,804.7747

4.0 Operational Detail - Mobile

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	0.6837	3.1001	8.0611	0.0303	2.5785	0.0235	2.6020	0.6911	0.0218	0.7129	0.0000	2,801.3043	2,801.3043	0.1388	0.0000	2,804.7747
Unmitigated	0.6837	3.1001	8.0611	0.0303	2.5785	0.0235	2.6020	0.6911	0.0218	0.7129	0.0000	2,801.3043	2,801.3043	0.1388	0.0000	2,804.7747

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	4,240.00	0.00	0.00	6,794,320	6,794,320
Total	4,240.00	0.00	0.00	6,794,320	6,794,320

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	6.16	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

Morrison Project weekday VMT only With TDM - Los Angeles-South Coast County, Annual

Morrison Project weekday VMT only With TDM
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1,000.00	User Defined Unit	1.25	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Weekday VMT with TDM Operational Analysis for mobile sources ONLY

Land Use - 1,000 SF of generic commercial use for VMT calculation only. Project is on 1.25 ac.

Construction Phase - Construction calculated in a different run.

Vehicle Trips - 3,612 trips per weekday = 3.612 trips per TSF. Trip length = 6.16472868217 miles

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	0.00	1,000.00
tblLandUse	LotAcreage	0.00	1.25
tblVehicleTrips	CC_TL	8.40	0.00

tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	6.16
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	WD_TR	0.00	3.61

2.0 Emissions Summary

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					
Mobile	0.5825	2.6412	6.8684	0.0258	2.1971	0.0200	2.2171	0.5889	0.0186	0.6075	0.0000	2,386.9356	2,386.9356	0.1183	0.0000	2,389.8926

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					
Mobile	0.5825	2.6412	6.8684	0.0258	2.1971	0.0200	2.2171	0.5889	0.0186	0.6075	0.0000	2,386.9356	2,386.9356	0.1183	0.0000	2,389.8926

4.0 Operational Detail - Mobile

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	0.5825	2.6412	6.8684	0.0258	2.1971	0.0200	2.2171	0.5889	0.0186	0.6075	0.0000	2,386.9356	2,386.9356	0.1183	0.0000	2,389.8926
Unmitigated	0.5825	2.6412	6.8684	0.0258	2.1971	0.0200	2.2171	0.5889	0.0186	0.6075	0.0000	2,386.9356	2,386.9356	0.1183	0.0000	2,389.8926

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Commercial	3,612.00	0.00	0.00	5,789,420	5,789,420
Total	3,612.00	0.00	0.00	5,789,420	5,789,420

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Commercial	6.16	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Commercial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

Morrison Hotel - Los Angeles-South Coast County, Annual

Morrison Hotel
Los Angeles-South Coast County, Annual

FOR WEEKEND VMT ONLY

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	222.00	Space	0.96	103,667.00	0
Other Non-Asphalt Surfaces	2.86	1000sqft	0.07	2,863.00	0
High Turnover (Sit Down Restaurant)	9.85	1000sqft	0.00	9,848.00	0
Hotel	444.00	Room	0.22	230,011.00	0
Movie Theater (No Matinee)	11.09	1000sqft	0.00	11,091.00	0
Quality Restaurant	13.05	1000sqft	0.00	13,052.00	0
Apartments High Rise	136.00	Dwelling Unit	0.00	156,301.00	389

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Net site area= 54,591 SF (1.253 ac). Fprint = aprx 1.18 ac. 136 apts/156,301 SF of residntl. 444 hotel rm/230,011 SF. 9,848 SF HT restrnt. 13,052 SF Qlty restrnt., 2,863 SF Indpg.222 pk sp/103,667 SF.

Construction Phase - Construction/demo to start in Feb 2021. Demo and site prep ~ 4 months, grading and excavation ~5 months, building construction ~22 months, finishing (paving and coating) ~ 5 months.

Trips and VMT - Haul route to Sunshine Canyon Landfill in Sylmar is ~29 miles from the site

Demolition - Demo of: 3 commercial industrial buildings (9,300 + 7,750 + 15,500 = 32,550 sf) and surface parking lot (9,461 sf)= 42,011 SF

Grading - 130,000 CY of export. Minimal grading required...mostly excavation.

Architectural Coating - Per SCAQMD Rule 1113 paints applied to buildings limited to 50g/L VOC or less.

Vehicle Trips - Post TDM Trip gen per TIA (includes rdxn fr transit trips):Apts 3.78 trps/DU, Hotel 7.11 trps/rm; (incl rdxn fr transit, passby&intrnl trps [passby trip#s divided & added to primry &divert trps] HTrest 61.03 trp/TSF;Q rest 57.0 trp/TSF;museum 53.1 trp/TSF

Woodstoves - No woodburning stoves or fireplaces.

Area Coating - Per SCAQMD Rule 1113 paints limited to 50g/L VOC or less.

Sequestration -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - Located in dwntwn LA. 136 DU/1.293 net ac = 105 DU/ac. 88 jobs/ 1.293 net ac = 68 jobs/job ac. Mixed use residential/hotel/commercial. Walkable/bikeable to off-site transit. TDM benefits already taken in trip generation.

Energy Mitigation - Project design features include energy efficient: lighting, elevator, mechanical systems,glazing and window frames. Energy star appliances shall be used wherever appliances are installed on site. 2019 Title 24 is ~30% more efficient than 2016 Stnds.

Water Mitigation - Low flow faucets, toilets, showers and water-efficient irrigation/landscaping to be installed on-site.

Waste Mitigation - AB 341 requires 75% diversion of waste by 2020

Stationary Sources - Emergency Generators and Fire Pumps - 30 mins a month plus annual run of 90 mins =7.5 hours per year for maintenance; plus a one-time start up run of 3.5 hours gives a grand total of 11 hours per year

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	4.00	102.00
tblConstructionPhase	NumDays	200.00	440.00
tblConstructionPhase	NumDays	10.00	50.00
tblConstructionPhase	NumDays	10.00	50.00

tblFireplaces	NumberGas	115.60	122.40
tblFireplaces	NumberWood	6.80	0.00
tblGrading	AcresOfGrading	38.25	1.50
tblGrading	AcresOfGrading	10.00	1.50
tblGrading	MaterialExported	0.00	130,000.00
tblLandUse	LandUseSquareFeet	88,800.00	103,667.00
tblLandUse	LandUseSquareFeet	2,860.00	2,863.00
tblLandUse	LandUseSquareFeet	9,850.00	9,848.00
tblLandUse	LandUseSquareFeet	644,688.00	230,011.00
tblLandUse	LandUseSquareFeet	11,090.00	11,091.00
tblLandUse	LandUseSquareFeet	13,050.00	13,052.00
tblLandUse	LandUseSquareFeet	136,000.00	156,301.00
tblLandUse	LotAcreage	2.00	0.96
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	14.80	0.22
tblLandUse	LotAcreage	0.25	0.00
tblLandUse	LotAcreage	0.30	0.00
tblLandUse	LotAcreage	2.19	0.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,682.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	11.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblTripsAndVMT	HaulingTripLength	20.00	29.00
tblVehicleTrips	DV_TP	20.00	43.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PR_TP	37.00	57.00
tblVehicleTrips	ST_TR	4.98	3.78

tblVehicleTrips	ST_TR	158.37	61.03
tblVehicleTrips	ST_TR	8.19	7.11
tblVehicleTrips	ST_TR	99.28	53.10
tblVehicleTrips	ST_TR	94.36	57.00
tblVehicleTrips	SU_TR	3.65	3.78
tblVehicleTrips	SU_TR	131.84	61.03
tblVehicleTrips	SU_TR	5.95	7.11
tblVehicleTrips	SU_TR	81.90	53.10
tblVehicleTrips	SU_TR	72.16	57.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	8.17	0.00
tblVehicleTrips	WD_TR	78.06	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblWoodstoves	NumberCatalytic	6.80	0.00
tblWoodstoves	NumberNoncatalytic	6.80	0.00

2.0 Emissions Summary

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					
Mobile	0.3650	1.6581	4.3483	0.0164	1.3989	0.0127	1.4116	0.3749	0.0118	0.3867	0.0000	1,516.6920	1,516.6920	0.0749	0.0000	1,518.5653

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					
Mobile	0.3217	1.4240	3.2854	0.0116	0.9597	9.2000e-003	0.9689	0.2572	8.5500e-003	0.2658	0.0000	1,077.9871	1,077.9871	0.0560	0.0000	1,079.3871

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive 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	0.3217	1.4240	3.2854	0.0116	0.9597	9.2000e-003	0.9689	0.2572	8.5500e-003	0.2658	0.0000	1,077.9871	1,077.9871	0.0560	0.0000	1,079.3871
Unmitigated	0.3650	1.6581	4.3483	0.0164	1.3989	0.0127	1.4116	0.3749	0.0118	0.3867	0.0000	1,516.6920	1,516.6920	0.0749	0.0000	1,518.5653

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	0.00	514.08	514.08	501,608	344,103

Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	601.15	601.15	373,247	256,048
Hotel	0.00	3,156.84	3156.84	2,152,217	1,476,421
Movie Theater (No Matinee)	0.00	588.88	588.88	356,527	244,578
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Quality Restaurant	0.00	743.85	743.85	302,562	207,558
Total	0.00	5,604.79	5,604.79	3,686,162	2,528,707

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	57	43	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Movie Theater (No Matinee)	16.60	8.40	6.90	1.80	79.20	19.00	66	17	17
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
High Turnover (Sit Down Restaurant)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Hotel	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Movie Theater (No Matinee)	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Other Non-Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Quality Restaurant	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850