

Hotel 55 Proposed Project - Orange County, Winter

Hotel 55 Proposed Project
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	86.00	Space	0.00	15,350.00	0
Hotel	125.00	Room	0.68	55,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8	Operational Year	2022		
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1047.47	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - APUD 2018 CO2 Factor per City of Anaheim APUD.

Land Use - Per Architectural Plans

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Trips and VMT - .

Demolition - .

Grading - .

Vehicle Trips - Per Traffic Report

Energy Use -

Construction Off-road Equipment Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	390.00
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	1.00	10.00
tblFleetMix	HHD	0.02	0.01
tblFleetMix	HHD	0.02	0.01
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11

tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MHD	0.03	0.01
tblFleetMix	MHD	0.03	0.01
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblGrading	MaterialExported	0.00	300.00
tblGrading	MaterialExported	0.00	800.00
tblLandUse	LandUseSquareFeet	34,400.00	15,350.00
tblLandUse	LandUseSquareFeet	181,500.00	55,300.00
tblLandUse	LotAcreage	0.77	0.00
tblLandUse	LotAcreage	4.17	0.68
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblTripsAndVMT	HaulingTripNumber	30.00	34.00
tblTripsAndVMT	HaulingTripNumber	100.00	160.00
tblTripsAndVMT	HaulingTripNumber	38.00	60.00

tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	WD_TR	8.17	8.36

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	2.0573	20.7814	17.7076	0.0326	0.8738	1.0275	1.4395	0.1497	0.9621	1.0731	0.0000	3,190.2715	3,190.2715	0.6995	0.0000	3,207.7600
2021	1.8076	18.0881	17.3723	0.0325	0.4120	0.8621	1.2741	0.1110	0.8074	0.9184	0.0000	3,176.3503	3,176.3503	0.6943	0.0000	3,193.7085
2022	26.3134	16.0541	17.1570	0.0324	0.4120	0.7454	1.1574	0.1110	0.6983	0.8093	0.0000	3,162.1718	3,162.1718	0.6907	0.0000	3,179.4384
Maximum	26.3134	20.7814	17.7076	0.0326	0.8738	1.0275	1.4395	0.1497	0.9621	1.0731	0.0000	3,190.2715	3,190.2715	0.6995	0.0000	3,207.7600

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					
2020	2.0573	20.7814	17.7076	0.0326	0.5448	1.0275	1.4395	0.1139	0.9621	1.0731	0.0000	3,190.2715	3,190.2715	0.6995	0.0000	3,207.7600
2021	1.8076	18.0881	17.3723	0.0325	0.4120	0.8621	1.2741	0.1110	0.8074	0.9184	0.0000	3,176.3503	3,176.3503	0.6943	0.0000	3,193.7085
2022	26.3134	16.0541	17.1570	0.0324	0.4120	0.7454	1.1574	0.1110	0.6983	0.8093	0.0000	3,162.1718	3,162.1718	0.6907	0.0000	3,179.4384

Maximum	26.3134	20.7814	17.7076	0.0326	0.5448	1.0275	1.4395	0.1139	0.9621	1.0731	0.0000	3,190.2715	3,190.2715	0.6995	0.0000	3,207.7600
---------	---------	---------	---------	--------	--------	--------	--------	--------	--------	--------	--------	------------	------------	--------	--------	------------

	ROG	NOx	CO	SO2	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	19.38	0.00	0.00	9.62	0.00	0.00	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	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Energy	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Mobile	1.3156	3.7529	15.0599	0.0527	5.2784	0.0415	5.3200	1.4083	0.0386	1.4469		5,328.5882	5,328.5882	0.2251		5,334.2165
Total	2.6155	4.2618	15.5089	0.0557	5.2784	0.0803	5.3587	1.4083	0.0773	1.4856		5,939.1178	5,939.1178	0.2370	0.0112	5,948.3770

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Energy	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Mobile	1.3156	3.7529	15.0599	0.0527	5.2784	0.0415	5.3200	1.4083	0.0386	1.4469		5,328.5882	5,328.5882	0.2251		5,334.2165

Total	2.6155	4.2618	15.5089	0.0557	5.2784	0.0803	5.3587	1.4083	0.0773	1.4856		5,939.1178	5,939.1178	0.2370	0.0112	5,948.3770
-------	--------	--------	---------	--------	--------	--------	--------	--------	--------	--------	--	------------	------------	--------	--------	------------

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2020	8/14/2020	5	10	
2	Site Preparation	Site Preparation	8/15/2020	8/28/2020	5	10	
3	Grading	Grading	8/29/2020	9/25/2020	5	20	
4	Building Construction	Building Construction	9/26/2020	3/25/2022	5	390	
5	Paving	Paving	3/26/2022	5/20/2022	5	40	
6	Architectural Coating	Architectural Coating	5/21/2022	6/17/2022	5	20	

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 82,950; Non-Residential Outdoor: 27,650; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	0	8.00	81	0.73

Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	0	1.00	247	0.40
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Other Construction Equipment	2	8.00	172	0.42
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	34.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	60.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	6	30.00	12.00	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	3	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

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					0.6420	0.0000	0.6420	0.0972	0.0000	0.0972			0.0000			0.0000
Off-Road	0.1571	1.5789	1.7098	2.3300e-003		0.0998	0.0998		0.0919	0.0919		225.5764	225.5764	0.0730		227.4003
Total	0.1571	1.5789	1.7098	2.3300e-003	0.6420	0.0998	0.7418	0.0972	0.0919	0.1891		225.5764	225.5764	0.0730		227.4003

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	0.0263	0.9467	0.2487	2.5600e-003	0.0592	3.0800e-003	0.0623	0.0162	2.9500e-003	0.0192		285.6612	285.6612	0.0308		286.4307
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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0393	0.9546	0.3395	2.8700e-003	0.0927	3.3000e-003	0.0960	0.0251	3.1500e-003	0.0283		316.6098	316.6098	0.0315		317.3970

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					0.2504	0.0000	0.2504	0.0379	0.0000	0.0379			0.0000			0.0000
Off-Road	0.1571	1.5789	1.7098	2.3300e-003		0.0998	0.0998		0.0919	0.0919	0.0000	225.5764	225.5764	0.0730		227.4003
Total	0.1571	1.5789	1.7098	2.3300e-003	0.2504	0.0998	0.3502	0.0379	0.0919	0.1298	0.0000	225.5764	225.5764	0.0730		227.4003

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	0.0263	0.9467	0.2487	2.5600e-003	0.0592	3.0800e-003	0.0623	0.0162	2.9500e-003	0.0192		285.6612	285.6612	0.0308		286.4307
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	0.0130	7.9800e-003	0.0908	3.1000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		30.9486	30.9486	7.1000e-004		30.9663
Total	0.0393	0.9546	0.3395	2.8700e-003	0.0927	3.3000e-003	0.0960	0.0251	3.1500e-003	0.0283		316.6098	316.6098	0.0315		317.3970

3.3 Site Preparation - 2020

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					0.5393	0.0000	0.5393	0.0586	0.0000	0.0586			0.0000			0.0000

Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5393	0.3353	0.8746	0.0586	0.3085	0.3671		943.4872	943.4872	0.3051		951.1158

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	0.1238	4.4549	1.1704	0.0121	0.2786	0.0145	0.2931	0.0763	0.0139	0.0901		1,344.2879	1,344.2879	0.1449		1,347.9090
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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.1455	4.4682	1.3217	0.0126	0.3345	0.0149	0.3494	0.0911	0.0142	0.1053		1,395.8689	1,395.8689	0.1460		1,399.5195

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					0.2103	0.0000	0.2103	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.2103	0.3353	0.5457	0.0229	0.3085	0.3314	0.0000	943.4872	943.4872	0.3051		951.1158

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	0.1238	4.4549	1.1704	0.0121	0.2786	0.0145	0.2931	0.0763	0.0139	0.0901		1,344.2879	1,344.2879	0.1449		1,347.9090
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	0.0217	0.0133	0.1513	5.2000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		51.5811	51.5811	1.1800e-003		51.6105
Total	0.1455	4.4682	1.3217	0.0126	0.3345	0.0149	0.3494	0.0911	0.0142	0.1053		1,395.8689	1,395.8689	0.1460		1,399.5195

3.4 Grading - 2020

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					0.5320	0.0000	0.5320	0.0575	0.0000	0.0575			0.0000			0.0000
Off-Road	0.9029	10.2317	5.5116	0.0115		0.4890	0.4890		0.4499	0.4499		1,114.4715	1,114.4715	0.3604		1,123.4825
Total	0.9029	10.2317	5.5116	0.0115	0.5320	0.4890	1.0210	0.0575	0.4499	0.5074		1,114.4715	1,114.4715	0.3604		1,123.4825

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	0.0232	0.8353	0.2195	2.2600e-003	0.0522	2.7200e-003	0.0550	0.0143	2.6000e-003	0.0169	252.0540	252.0540	0.0272	252.7329
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	0.0347	0.0213	0.2420	8.3000e-004	0.0894	5.9000e-004	0.0900	0.0237	5.4000e-004	0.0243	82.5297	82.5297	1.8800e-003	82.5768
Total	0.0580	0.8566	0.4615	3.0900e-003	0.1417	3.3100e-003	0.1450	0.0380	3.1400e-003	0.0412	334.5837	334.5837	0.0290	335.3097

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					0.2075	0.0000	0.2075	0.0224	0.0000	0.0224			0.0000			0.0000
Off-Road	0.9029	10.2317	5.5116	0.0115		0.4890	0.4890		0.4499	0.4499	0.0000	1,114.4715	1,114.4715	0.3604		1,123.4825
Total	0.9029	10.2317	5.5116	0.0115	0.2075	0.4890	0.6965	0.0224	0.4499	0.4723	0.0000	1,114.4715	1,114.4715	0.3604		1,123.4825

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	0.0232	0.8353	0.2195	2.2600e-003	0.0522	2.7200e-003	0.0550	0.0143	2.6000e-003	0.0169	252.0540	252.0540	0.0272			252.7329
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

Worker	0.0347	0.0213	0.2420	8.3000e-004	0.0894	5.9000e-004	0.0900	0.0237	5.4000e-004	0.0243		82.5297	82.5297	1.8800e-003		82.5768
Total	0.0580	0.8566	0.4615	3.0900e-003	0.1417	3.3100e-003	0.1450	0.0380	3.1400e-003	0.0412		334.5837	334.5837	0.0290		335.3097

3.5 Building Construction - 2020

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	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538		2,563.4259	2,563.4259	0.6648		2,580.0468
Total	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538		2,563.4259	2,563.4259	0.6648		2,580.0468

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	0.0400	1.2497	0.3617	2.9200e-003	0.0767	6.6300e-003	0.0833	0.0221	6.3500e-003	0.0284		317.3593	317.3593	0.0276		318.0503
Worker	0.1303	0.0798	0.9076	3.1000e-003	0.3353	2.2200e-003	0.3376	0.0889	2.0400e-003	0.0910		309.4863	309.4863	7.0600e-003		309.6629
Total	0.1703	1.3295	1.2693	6.0200e-003	0.4120	8.8500e-003	0.4209	0.1110	8.3900e-003	0.1194		626.8456	626.8456	0.0347		627.7132

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	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538	0.0000	2,563.4259	2,563.4259	0.6648			2,580.0468
Total	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538	0.0000	2,563.4259	2,563.4259	0.6648			2,580.0468

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	0.0400	1.2497	0.3617	2.9200e-003	0.0767	6.6300e-003	0.0833	0.0221	6.3500e-003	0.0284		317.3593	317.3593	0.0276			318.0503
Worker	0.1303	0.0798	0.9076	3.1000e-003	0.3353	2.2200e-003	0.3376	0.0889	2.0400e-003	0.0910		309.4863	309.4863	7.0600e-003			309.6629
Total	0.1703	1.3295	1.2693	6.0200e-003	0.4120	8.8500e-003	0.4209	0.1110	8.3900e-003	0.1194		626.8456	626.8456	0.0347			627.7132

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	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	2,562.9739	2,562.9739	0.6614		2,579.5089
Total	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	2,562.9739	2,562.9739	0.6614		2,579.5089

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	0.0336	1.1231	0.3350	2.8900e-003	0.0767	2.4300e-003	0.0791	0.0221	2.3200e-003	0.0244		314.6268	314.6268	0.0265		315.2900
Worker	0.1226	0.0720	0.8408	3.0000e-003	0.3353	2.1700e-003	0.3375	0.0889	2.0000e-003	0.0909		298.7497	298.7497	6.4000e-003		298.9096
Total	0.1562	1.1951	1.1758	5.8900e-003	0.4120	4.6000e-003	0.4166	0.1110	4.3200e-003	0.1153		613.3765	613.3765	0.0329		614.1996

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	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	0.0000	2,562.9739	2,562.9739	0.6614		2,579.5089
Total	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	0.0000	2,562.9739	2,562.9739	0.6614		2,579.5089

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	0.0336	1.1231	0.3350	2.8900e-003	0.0767	2.4300e-003	0.0791	0.0221	2.3200e-003	0.0244		314.6268	314.6268	0.0265			315.2900
Worker	0.1226	0.0720	0.8408	3.0000e-003	0.3353	2.1700e-003	0.3375	0.0889	2.0000e-003	0.0909		298.7497	298.7497	6.4000e-003			298.9096
Total	0.1562	1.1951	1.1758	5.8900e-003	0.4120	4.6000e-003	0.4166	0.1110	4.3200e-003	0.1153		613.3765	613.3765	0.0329			614.1996

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	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943		2,562.9710	2,562.9710	0.6592			2,579.4512
Total	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943		2,562.9710	2,562.9710	0.6592			2,579.4512

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	0.0316	1.0618	0.3230	2.8600e-003	0.0767	2.1100e-003	0.0788	0.0221	2.0200e-003	0.0241		311.5072	311.5072	0.0257		312.1484
Worker	0.1162	0.0652	0.7835	2.8800e-003	0.3353	2.1300e-003	0.3375	0.0889	1.9600e-003	0.0909		287.6936	287.6936	5.8100e-003		287.8388
Total	0.1478	1.1270	1.1065	5.7400e-003	0.4120	4.2400e-003	0.4162	0.1110	3.9800e-003	0.1150		599.2008	599.2008	0.0315		599.9871

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	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943	0.0000	2,562.9710	2,562.9710	0.6592		2,579.4512
Total	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943	0.0000	2,562.9710	2,562.9710	0.6592		2,579.4512

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0316	1.0618	0.3230	2.8600e-003	0.0767	2.1100e-003	0.0788	0.0221	2.0200e-003	0.0241		311.5072	311.5072	0.0257		312.1484
Worker	0.1162	0.0652	0.7835	2.8800e-003	0.3353	2.1300e-003	0.3375	0.0889	1.9600e-003	0.0909		287.6936	287.6936	5.8100e-003		287.8388
Total	0.1478	1.1270	1.1065	5.7400e-003	0.4120	4.2400e-003	0.4162	0.1110	3.9800e-003	0.1150		599.2008	599.2008	0.0315		599.9871

3.6 Paving - 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	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545		1,168.3393	1,168.3393	0.3695		1,177.5779
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545		1,168.3393	1,168.3393	0.3695		1,177.5779

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	0.0503	0.0283	0.3395	1.2500e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		124.6672	124.6672	2.5200e-003		124.7301

Total	0.0503	0.0283	0.3395	1.2500e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		124.6672	124.6672	2.5200e-003		124.7301
--------------	---------------	---------------	---------------	--------------------	---------------	--------------------	---------------	---------------	--------------------	---------------	--	-----------------	-----------------	--------------------	--	-----------------

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	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545	0.0000	1,168.3393	1,168.3393	0.3695		1,177.5779
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545	0.0000	1,168.3393	1,168.3393	0.3695		1,177.5779

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	0.0503	0.0283	0.3395	1.2500e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		124.6672	124.6672	2.5200e-003		124.7301
Total	0.0503	0.0283	0.3395	1.2500e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		124.6672	124.6672	2.5200e-003		124.7301

3.7 Architectural Coating - 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					
Archit. Coating	25.8450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4451	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730		725.5160	725.5160	0.0892		727.7470
Total	26.2901	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730		725.5160	725.5160	0.0892		727.7470

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	0.0232	0.0130	0.1567	5.8000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		57.5387	57.5387	1.1600e-003		57.5678
Total	0.0232	0.0130	0.1567	5.8000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		57.5387	57.5387	1.1600e-003		57.5678

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	25.8450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4451	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730	0.0000	725.5159	725.5159	0.0892		727.7470
Total	26.2901	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730	0.0000	725.5159	725.5159	0.0892		727.7470

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	0.0232	0.0130	0.1567	5.8000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		57.5387	57.5387	1.1600e-003		57.5678
Total	0.0232	0.0130	0.1567	5.8000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		57.5387	57.5387	1.1600e-003		57.5678

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	lb/day										lb/day					

Mitigated	1.3156	3.7529	15.0599	0.0527	5.2784	0.0415	5.3200	1.4083	0.0386	1.4469		5,328.5882	5,328.5882	0.2251		5,334.2165
Unmitigated	1.3156	3.7529	15.0599	0.0527	5.2784	0.0415	5.3200	1.4083	0.0386	1.4469		5,328.5882	5,328.5882	0.2251		5,334.2165

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	1,045.00	1,047.50	761.25	2,397,676	2,397,676
Total	1,045.00	1,047.50	761.25	2,397,676	2,397,676

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096
Hotel	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
NaturalGas Unmitigated	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	5189.11	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Total		0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	5.18911	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

Total		0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
-------	--	--------	--------	--------	-------------	--	--------	--------	--	--------	--------	--	----------	----------	--------	--------	----------

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004			0.0492
Unmitigated	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004			0.0492

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	0.1416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Consumer Products	1.1004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Landscaping	2.0100e-003	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004			0.0492
Total	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004			0.0492

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	0.1416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Total	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Mitigated Construction

	0 ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Year	0	0	0	0	0	0
2020	2.0573	20.7814	17.7076	0.0326	1.4395	1.0731
2021	1.8076	18.0881	17.3723	0.0325	1.2741	0.9184
2022	26.3134	16.0541	17.1570	0.0324	1.1574	0.8093

Maximum 26.3134 20.7814 17.7076 0.0326 1.4395 1.0731

Mitigated Operational

	0 ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	0	0	0	0	0	0
Area	1.2440	2.0000e-00	0.0216	0.0000	8.0000e-00	8.0000e-005
Energy	0.0560	0.5087	0.4273	3.0500e-00	0.0387	0.0387
Mobile	1.3156	3.7529	15.0599	0.0527	5.3200	1.4469

Total	2.6155	4.2618	15.5089	0.0557	5.3587	1.4856
-------	--------	--------	---------	--------	--------	--------

3.2 Demolition - 2020

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Fugitive Di	0	0	0.2504	0.0379
Off-Road	1.5789	1.7098	0.0998	0.0919
Total	1.5789	1.7098	0.3502	0.1298

3.3 Site Preparation - 2020

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Fugitive Du	0	0	0.2103	0.0229
Off-Road	8.4307	4.0942	0.3353	0.3085
Total	8.4307	4.0942	0.5457	0.3314

3.4 Grading - 2020

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Fugitive Du	0	0	0.2075	0.0224
Off-Road	10.2317	5.5116	0.4890	0.4499
Total	10.2317	5.5116	0.6965	0.4723

3.5 Building Construction - 2020

Mitigated Construction On-Site

	0 NOx	CO	PM10 Tota	PM2.5 Total
Category	0	0	0	0
Off-Road	19.4518	16.4383	1.0187	0.9538
Total	19.4518	16.4383	1.0187	0.9538

3.5 Building Construction - 2021

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Off-Road	16.8930	16.1966	0.8575	0.8031
Total	16.8930	16.1966	0.8575	0.8031

0

3.5 Building Construction - 2022

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Off-Road	14.9271	16.0505	0.7412	0.6943
Total	14.9271	16.0505	0.7412	0.6943

3.6 Paving - 2022

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0
Off-Road	6.8919	8.2578	0.3844	0.3545
Paving	0	0	0.0000	0.0000
Total	6.8919	8.2578	0.3844	0.3545

3.7 Architectural Coating - 2022

Mitigated Construction On-Site

	0 NOx	CO	PM10 Total	PM2.5 Total
Category	0	0	0	0

Archit. Coa	0	0	0.0000	0.0000
Off-Road	3.3772	4.7212	0.1738	0.1730
Total	3.3772	4.7212	0.1738	0.1730

Hotel 55 Proposed Project - Orange County, Summer

Hotel 55 Proposed Project
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	86.00	Space	0.00	15,350.00	0
Hotel	125.00	Room	0.68	55,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2022
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MW hr)	1047.47	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - APUD 2018 CO2 Factor per City of Anaheim APUD.

Land Use - Per Architectural Plans

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Trips and VMT - .

Demolition - .

Grading - .

Vehicle Trips - Per Traffic Report

Energy Use -

Construction Off-road Equipment Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	390.00
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	1.00	10.00
tblFleetMix	HHD	0.02	0.01
tblFleetMix	HHD	0.02	0.01
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11

tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MHD	0.03	0.01
tblFleetMix	MHD	0.03	0.01
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblGrading	MaterialExported	0.00	300.00
tblGrading	MaterialExported	0.00	800.00
tblLandUse	LandUseSquareFeet	34,400.00	15,350.00
tblLandUse	LandUseSquareFeet	181,500.00	55,300.00
tblLandUse	LotAcreage	0.77	0.00
tblLandUse	LotAcreage	4.17	0.68
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblTripsAndVMT	HaulingTripNumber	30.00	34.00
tblTripsAndVMT	HaulingTripNumber	100.00	160.00
tblTripsAndVMT	HaulingTripNumber	38.00	60.00

tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	WD_TR	8.17	8.36

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	2.0406	20.7746	17.7502	0.0329	0.8738	1.0274	1.4394	0.1497	0.9620	1.0730	0.0000	3,215.7937	3,215.7937	0.6986	0.0000	3,233.2589
2021	1.7917	18.0843	17.4131	0.0327	0.4120	0.8620	1.2740	0.1110	0.8073	0.9183	0.0000	3,201.1831	3,201.1831	0.6935	0.0000	3,218.5195
2022	26.3106	16.0515	17.1957	0.0326	0.4120	0.7453	1.1573	0.1110	0.6983	0.8092	0.0000	3,186.3145	3,186.3145	0.6899	0.0000	3,203.5607
Maximum	26.3106	20.7746	17.7502	0.0329	0.8738	1.0274	1.4394	0.1497	0.9620	1.0730	0.0000	3,215.7937	3,215.7937	0.6986	0.0000	3,233.2589

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					
2020	2.0406	20.7746	17.7502	0.0329	0.5448	1.0274	1.4394	0.1139	0.9620	1.0730	0.0000	3,215.7937	3,215.7937	0.6986	0.0000	3,233.2589
2021	1.7917	18.0843	17.4131	0.0327	0.4120	0.8620	1.2740	0.1110	0.8073	0.9183	0.0000	3,201.1831	3,201.1831	0.6935	0.0000	3,218.5195
2022	26.3106	16.0515	17.1957	0.0326	0.4120	0.7453	1.1573	0.1110	0.6983	0.8092	0.0000	3,186.3145	3,186.3145	0.6899	0.0000	3,203.5607

Maximum	26.3106	20.7746	17.7502	0.0329	0.5448	1.0274	1.4394	0.1139	0.9620	1.0730	0.0000	3,215.7937	3,215.7937	0.6986	0.0000	3,233.2589
---------	---------	---------	---------	--------	--------	--------	--------	--------	--------	--------	--------	------------	------------	--------	--------	------------

	ROG	NOx	CO	SO2	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	19.38	0.00	0.00	9.62	0.00	0.00	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	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Energy	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Mobile	1.3405	3.6358	15.6229	0.0553	5.2784	0.0414	5.3198	1.4083	0.0384	1.4467		5,589.5403	5,589.5403	0.2259		5,595.1865
Total	2.6404	4.1448	16.0718	0.0583	5.2784	0.0801	5.3586	1.4083	0.0772	1.4855		6,200.0700	6,200.0700	0.2377	0.0112	6,209.3470

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Energy	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Mobile	1.3405	3.6358	15.6229	0.0553	5.2784	0.0414	5.3198	1.4083	0.0384	1.4467		5,589.5403	5,589.5403	0.2259		5,595.1865

Total	2.6404	4.1448	16.0718	0.0583	5.2784	0.0801	5.3586	1.4083	0.0772	1.4855		6,200.0700	6,200.0700	0.2377	0.0112	6,209.3470
-------	--------	--------	---------	--------	--------	--------	--------	--------	--------	--------	--	------------	------------	--------	--------	------------

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2020	8/14/2020	5	10	
2	Site Preparation	Site Preparation	8/15/2020	8/28/2020	5	10	
3	Grading	Grading	8/29/2020	9/25/2020	5	20	
4	Building Construction	Building Construction	9/26/2020	3/25/2022	5	390	
5	Paving	Paving	3/26/2022	5/20/2022	5	40	
6	Architectural Coating	Architectural Coating	5/21/2022	6/17/2022	5	20	

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 82,950; Non-Residential Outdoor: 27,650; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	0	8.00	81	0.73

Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	0	1.00	247	0.40
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Other Construction Equipment	2	8.00	172	0.42
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	34.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	60.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	6	30.00	12.00	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	3	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

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					0.6420	0.0000	0.6420	0.0972	0.0000	0.0972			0.0000				0.0000
Off-Road	0.1571	1.5789	1.7098	2.3300e-003		0.0998	0.0998		0.0919	0.0919		225.5764	225.5764	0.0730			227.4003
Total	0.1571	1.5789	1.7098	2.3300e-003	0.6420	0.0998	0.7418	0.0972	0.0919	0.1891		225.5764	225.5764	0.0730			227.4003

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	0.0257	0.9349	0.2362	2.6000e-003	0.0592	3.0300e-003	0.0622	0.0162	2.9000e-003	0.0191		290.0397	290.0397	0.0301			290.7913
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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004			32.7199
Total	0.0372	0.9422	0.3344	2.9300e-003	0.0927	3.2500e-003	0.0960	0.0251	3.1000e-003	0.0282		322.7410	322.7410	0.0308			323.5112

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					0.2504	0.0000	0.2504	0.0379	0.0000	0.0379			0.0000			0.0000
Off-Road	0.1571	1.5789	1.7098	2.3300e-003		0.0998	0.0998		0.0919	0.0919	0.0000	225.5764	225.5764	0.0730		227.4003
Total	0.1571	1.5789	1.7098	2.3300e-003	0.2504	0.0998	0.3502	0.0379	0.0919	0.1298	0.0000	225.5764	225.5764	0.0730		227.4003

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	0.0257	0.9349	0.2362	2.6000e-003	0.0592	3.0300e-003	0.0622	0.0162	2.9000e-003	0.0191		290.0397	290.0397	0.0301		290.7913
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	0.0115	7.2600e-003	0.0982	3.3000e-004	0.0335	2.2000e-004	0.0338	8.8900e-003	2.0000e-004	9.1000e-003		32.7013	32.7013	7.5000e-004		32.7199
Total	0.0372	0.9422	0.3344	2.9300e-003	0.0927	3.2500e-003	0.0960	0.0251	3.1000e-003	0.0282		322.7410	322.7410	0.0308		323.5112

3.3 Site Preparation - 2020

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					0.5393	0.0000	0.5393	0.0586	0.0000	0.0586			0.0000			0.0000

Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.5393	0.3353	0.8746	0.0586	0.3085	0.3671		943.4872	943.4872	0.3051		951.1158

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	0.1208	4.3995	1.1116	0.0123	0.2786	0.0142	0.2928	0.0763	0.0136	0.0899		1,364.8926	1,364.8926	0.1415		1,368.4297
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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.1400	4.4116	1.2753	0.0128	0.3345	0.0146	0.3491	0.0911	0.0140	0.1051		1,419.3948	1,419.3948	0.1427		1,422.9629

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					0.2103	0.0000	0.2103	0.0229	0.0000	0.0229			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.2103	0.3353	0.5457	0.0229	0.3085	0.3314	0.0000	943.4872	943.4872	0.3051		951.1158

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	0.1208	4.3995	1.1116	0.0123	0.2786	0.0142	0.2928	0.0763	0.0136	0.0899		1,364.8926	1,364.8926	0.1415		1,368.4297
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	0.0192	0.0121	0.1637	5.5000e-004	0.0559	3.7000e-004	0.0563	0.0148	3.4000e-004	0.0152		54.5022	54.5022	1.2400e-003		54.5332
Total	0.1400	4.4116	1.2753	0.0128	0.3345	0.0146	0.3491	0.0911	0.0140	0.1051		1,419.3948	1,419.3948	0.1427		1,422.9629

3.4 Grading - 2020

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					0.5320	0.0000	0.5320	0.0575	0.0000	0.0575			0.0000			0.0000
Off-Road	0.9029	10.2317	5.5116	0.0115		0.4890	0.4890		0.4499	0.4499		1,114.4715	1,114.4715	0.3604		1,123.4825
Total	0.9029	10.2317	5.5116	0.0115	0.5320	0.4890	1.0210	0.0575	0.4499	0.5074		1,114.4715	1,114.4715	0.3604		1,123.4825

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	0.0227	0.8249	0.2084	2.3000e-003	0.0522	2.6700e-003	0.0549	0.0143	2.5600e-003	0.0169		255.9174	255.9174	0.0265		256.5806
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	0.0307	0.0194	0.2619	8.7000e-004	0.0894	5.9000e-004	0.0900	0.0237	5.4000e-004	0.0243		87.2035	87.2035	1.9900e-003		87.2532
Total	0.0534	0.8443	0.4703	3.1700e-003	0.1417	3.2600e-003	0.1449	0.0380	3.1000e-003	0.0411		343.1209	343.1209	0.0285		343.8338

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					0.2075	0.0000	0.2075	0.0224	0.0000	0.0224			0.0000			0.0000
Off-Road	0.9029	10.2317	5.5116	0.0115		0.4890	0.4890		0.4499	0.4499	0.0000	1,114.4715	1,114.4715	0.3604		1,123.4825
Total	0.9029	10.2317	5.5116	0.0115	0.2075	0.4890	0.6965	0.0224	0.4499	0.4723	0.0000	1,114.4715	1,114.4715	0.3604		1,123.4825

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	0.0227	0.8249	0.2084	2.3000e-003	0.0522	2.6700e-003	0.0549	0.0143	2.5600e-003	0.0169		255.9174	255.9174	0.0265		256.5806
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	0.0307	0.0194	0.2619	8.7000e-004	0.0894	5.9000e-004	0.0900	0.0237	5.4000e-004	0.0243		87.2035	87.2035	1.9900e-003		87.2532
Total	0.0534	0.8443	0.4703	3.1700e-003	0.1417	3.2600e-003	0.1449	0.0380	3.1000e-003	0.0411		343.1209	343.1209	0.0285		343.8338

3.5 Building Construction - 2020

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	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538		2,563.4259	2,563.4259	0.6648		2,580.0468
Total	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538		2,563.4259	2,563.4259	0.6648		2,580.0468

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	0.0383	1.2501	0.3300	2.9900e-003	0.0767	6.5200e-003	0.0832	0.0221	6.2400e-003	0.0283		325.3547	325.3547	0.0263		326.0126
Worker	0.1153	0.0726	0.9820	3.2800e-003	0.3353	2.2200e-003	0.3376	0.0889	2.0400e-003	0.0910		327.0131	327.0131	7.4500e-003		327.1995
Total	0.1536	1.3228	1.3119	6.2700e-003	0.4120	8.7400e-003	0.4207	0.1110	8.2800e-003	0.1193		652.3678	652.3678	0.0338		653.2120

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	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538	0.0000	2,563.4259	2,563.4259	0.6648		2,580.0468
Total	1.8870	19.4518	16.4383	0.0266		1.0187	1.0187		0.9538	0.9538	0.0000	2,563.4259	2,563.4259	0.6648		2,580.0468

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	0.0383	1.2501	0.3300	2.9900e-003	0.0767	6.5200e-003	0.0832	0.0221	6.2400e-003	0.0283		325.3547	325.3547	0.0263		326.0126
Worker	0.1153	0.0726	0.9820	3.2800e-003	0.3353	2.2200e-003	0.3376	0.0889	2.0400e-003	0.0910		327.0131	327.0131	7.4500e-003		327.1995
Total	0.1536	1.3228	1.3119	6.2700e-003	0.4120	8.7400e-003	0.4207	0.1110	8.2800e-003	0.1193		652.3678	652.3678	0.0338		653.2120

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	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031		2,562.9739	2,562.9739	0.6614		2,579.5089

Total	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031		2,562.9739	2,562.9739	0.6614		2,579.5089
--------------	---------------	----------------	----------------	---------------	--	---------------	---------------	--	---------------	---------------	--	-------------------	-------------------	---------------	--	-------------------

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	0.0320	1.1258	0.3053	2.9600e-003	0.0767	2.3400e-003	0.0790	0.0221	2.2400e-003	0.0243		322.5510	322.5510	0.0253		323.1833
Worker	0.1083	0.0655	0.9112	3.1700e-003	0.3353	2.1700e-003	0.3375	0.0889	2.0000e-003	0.0909		315.6582	315.6582	6.7600e-003		315.8272
Total	0.1403	1.1913	1.2165	6.1300e-003	0.4120	4.5100e-003	0.4165	0.1110	4.2400e-003	0.1152		638.2092	638.2092	0.0321		639.0106

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	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	0.0000	2,562.9739	2,562.9739	0.6614		2,579.5089
Total	1.6514	16.8930	16.1966	0.0266		0.8575	0.8575		0.8031	0.8031	0.0000	2,562.9739	2,562.9739	0.6614		2,579.5089

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	0.0320	1.1258	0.3053	2.9600e-003	0.0767	2.3400e-003	0.0790	0.0221	2.2400e-003	0.0243		322.5510	322.5510	0.0253			323.1833
Worker	0.1083	0.0655	0.9112	3.1700e-003	0.3353	2.1700e-003	0.3375	0.0889	2.0000e-003	0.0909		315.6582	315.6582	6.7600e-003			315.8272
Total	0.1403	1.1913	1.2165	6.1300e-003	0.4120	4.5100e-003	0.4165	0.1110	4.2400e-003	0.1152		638.2092	638.2092	0.0321			639.0106

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	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943		2,562.9710	2,562.9710	0.6592			2,579.4512
Total	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943		2,562.9710	2,562.9710	0.6592			2,579.4512

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	0.0000	0.0000
Vendor	0.0301	1.0651	0.2948	2.9300e-003	0.0767	2.0300e-003	0.0787	0.0221	1.9500e-003	0.0240		319.3831	319.3831	0.0245		319.9956
Worker	0.1023	0.0594	0.8504	3.0500e-003	0.3353	2.1300e-003	0.3375	0.0889	1.9600e-003	0.0909		303.9604	303.9604	6.1400e-003		304.1139
Total	0.1324	1.1244	1.1452	5.9800e-003	0.4120	4.1600e-003	0.4162	0.1110	3.9100e-003	0.1149		623.3435	623.3435	0.0306		624.1095

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	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943	0.0000	2,562.9710	2,562.9710	0.6592		2,579.4512
Total	1.4911	14.9271	16.0505	0.0266		0.7412	0.7412		0.6943	0.6943	0.0000	2,562.9710	2,562.9710	0.6592		2,579.4512

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	0.0301	1.0651	0.2948	2.9300e-003	0.0767	2.0300e-003	0.0787	0.0221	1.9500e-003	0.0240		319.3831	319.3831	0.0245		319.9956
Worker	0.1023	0.0594	0.8504	3.0500e-003	0.3353	2.1300e-003	0.3375	0.0889	1.9600e-003	0.0909		303.9604	303.9604	6.1400e-003		304.1139
Total	0.1324	1.1244	1.1452	5.9800e-003	0.4120	4.1600e-003	0.4162	0.1110	3.9100e-003	0.1149		623.3435	623.3435	0.0306		624.1095

3.6 Paving - 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	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545		1,168.3393	1,168.3393	0.3695		1,177.5779
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545		1,168.3393	1,168.3393	0.3695		1,177.5779

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	0.0443	0.0257	0.3685	1.3200e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		131.7162	131.7162	2.6600e-003		131.7827
Total	0.0443	0.0257	0.3685	1.3200e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		131.7162	131.7162	2.6600e-003		131.7827

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	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545	0.0000	1,168.3393	1,168.3393	0.3695		1,177.5779
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7081	6.8919	8.2578	0.0122		0.3844	0.3844		0.3545	0.3545	0.0000	1,168.3393	1,168.3393	0.3695		1,177.5779

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	0.0443	0.0257	0.3685	1.3200e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		131.7162	131.7162	2.6600e-003		131.7827
Total	0.0443	0.0257	0.3685	1.3200e-003	0.1453	9.2000e-004	0.1462	0.0385	8.5000e-004	0.0394		131.7162	131.7162	2.6600e-003		131.7827

3.7 Architectural Coating - 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					
Archit. Coating	25.8450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.4451	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730		725.5160	725.5160	0.0892		727.7470
Total	26.2901	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730		725.5160	725.5160	0.0892		727.7470

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	0.0205	0.0119	0.1701	6.1000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		60.7921	60.7921	1.2300e-003		60.8228
Total	0.0205	0.0119	0.1701	6.1000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		60.7921	60.7921	1.2300e-003		60.8228

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	25.8450					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4451	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730	0.0000	725.5159	725.5159	0.0892		727.7470
Total	26.2901	3.3772	4.7212	7.6200e-003		0.1738	0.1738		0.1730	0.1730	0.0000	725.5159	725.5159	0.0892		727.7470

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	0.0205	0.0119	0.1701	6.1000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		60.7921	60.7921	1.2300e-003		60.8228
Total	0.0205	0.0119	0.1701	6.1000e-004	0.0671	4.3000e-004	0.0675	0.0178	3.9000e-004	0.0182		60.7921	60.7921	1.2300e-003		60.8228

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	lb/day										lb/day					
Mitigated	1.3405	3.6358	15.6229	0.0553	5.2784	0.0414	5.3198	1.4083	0.0384	1.4467		5,589.5403	5,589.5403	0.2259		5,595.1865
Unmitigated	1.3405	3.6358	15.6229	0.0553	5.2784	0.0414	5.3198	1.4083	0.0384	1.4467		5,589.5403	5,589.5403	0.2259		5,595.1865

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	1,045.00	1,047.50	761.25	2,397,676	2,397,676
Total	1,045.00	1,047.50	761.25	2,397,676	2,397,676

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096
Hotel	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
NaturalGas Unmitigated	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	5189.11	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Total		0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	5.18911	0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113
Total		0.0560	0.5087	0.4273	3.0500e-003		0.0387	0.0387		0.0387	0.0387		610.4835	610.4835	0.0117	0.0112	614.1113

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Unmitigated	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492

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	0.1416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Total	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492

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	0.1416					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.1004					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	2.0100e-003	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492
Total	1.2440	2.0000e-004	0.0216	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005		0.0462	0.0462	1.2000e-004		0.0492

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

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

11.0 Vegetation

Hotel 55 Proposed Project - Orange County, Annual

**Hotel 55 Proposed Project
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	86.00	Space	0.00	15,350.00	0
Hotel	125.00	Room	0.68	55,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8	Operational Year		2022	
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MW hr)	1047.47	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - APUD 2018 CO2 Factor per City of Anaheim APUD.

Land Use - Per Architectural Plans

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - .

Trips and VMT - .

Demolition - .

Grading - .

Vehicle Trips - Per Traffic Report

Energy Use -

Construction Off-road Equipment Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	390.00
tblConstructionPhase	NumDays	2.00	20.00
tblConstructionPhase	NumDays	5.00	40.00
tblConstructionPhase	NumDays	1.00	10.00
tblFleetMix	HHD	0.02	0.01
tblFleetMix	HHD	0.02	0.01
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDA	0.56	0.58
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LDT2	0.21	0.21
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	LHD2	5.7950e-003	6.1050e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MCY	4.9260e-003	5.0860e-003
tblFleetMix	MDV	0.11	0.11
tblFleetMix	MDV	0.11	0.11

tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MH	9.3400e-004	1.0960e-003
tblFleetMix	MHD	0.03	0.01
tblFleetMix	MHD	0.03	0.01
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	OBUS	1.7470e-003	1.7240e-003
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	SBUS	5.9400e-004	6.1400e-004
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblFleetMix	UBUS	1.5420e-003	1.7200e-003
tblGrading	MaterialExported	0.00	300.00
tblGrading	MaterialExported	0.00	800.00
tblLandUse	LandUseSquareFeet	34,400.00	15,350.00
tblLandUse	LandUseSquareFeet	181,500.00	55,300.00
tblLandUse	LotAcreage	0.77	0.00
tblLandUse	LotAcreage	4.17	0.68
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblTripsAndVMT	HaulingTripNumber	30.00	34.00
tblTripsAndVMT	HaulingTripNumber	100.00	160.00
tblTripsAndVMT	HaulingTripNumber	38.00	60.00

tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	WD_TR	8.17	8.36

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0852	0.9066	0.7080	1.4100e-003	0.0287	0.0426	0.0713	6.0700e-003	0.0398	0.0459	0.0000	126.4610	126.4610	0.0279	0.0000	127.1589
2021	0.2341	2.3634	2.2680	4.2500e-003	0.0528	0.1125	0.1653	0.0143	0.1054	0.1196	0.0000	377.1244	377.1244	0.0821	0.0000	379.1776
2022	0.3270	0.6546	0.7358	1.3200e-003	0.0157	0.0318	0.0475	4.2100e-003	0.0298	0.0340	0.0000	116.9100	116.9100	0.0264	0.0000	117.5689
Maximum	0.3270	2.3634	2.2680	4.2500e-003	0.0528	0.1125	0.1653	0.0143	0.1054	0.1196	0.0000	377.1244	377.1244	0.0821	0.0000	379.1776

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					
2020	0.0852	0.9066	0.7080	1.4100e-003	0.0218	0.0426	0.0645	5.2400e-003	0.0398	0.0451	0.0000	126.4609	126.4609	0.0279	0.0000	127.1588
2021	0.2341	2.3634	2.2679	4.2500e-003	0.0528	0.1125	0.1653	0.0143	0.1054	0.1196	0.0000	377.1240	377.1240	0.0821	0.0000	379.1772
2022	0.3270	0.6546	0.7358	1.3200e-003	0.0157	0.0318	0.0475	4.2100e-003	0.0298	0.0340	0.0000	116.9099	116.9099	0.0264	0.0000	117.5687

Maximum	0.3270	2.3634	2.2679	4.2500e-003	0.0528	0.1125	0.1653	0.0143	0.1054	0.1196	0.0000	377.1240	377.1240	0.0821	0.0000	379.1772
---------	--------	--------	--------	-------------	--------	--------	--------	--------	--------	--------	--------	----------	----------	--------	--------	----------

	ROG	NOx	CO	SO2	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	7.05	0.00	2.41	3.38	0.00	0.42	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	6-1-2020	8-31-2020	0.0948	0.0948
2	9-1-2020	11-30-2020	0.6457	0.6457
3	12-1-2020	2-28-2021	0.6721	0.6721
4	3-1-2021	5-31-2021	0.6533	0.6533
5	6-1-2021	8-31-2021	0.6531	0.6531
6	9-1-2021	11-30-2021	0.6464	0.6464
7	12-1-2021	2-28-2022	0.5931	0.5931
8	3-1-2022	5-31-2022	0.4281	0.4281
9	6-1-2022	8-31-2022	0.1803	0.1803
		Highest	0.6721	0.6721

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003
Energy	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	381.3307	381.3307	9.7000e-003	3.4600e-003	382.6037
Mobile	0.2219	0.6665	2.6610	9.3100e-003	0.9053	7.2300e-003	0.9125	0.2419	6.7100e-003	0.2486	0.0000	854.7921	854.7921	0.0356	0.0000	855.6816
Waste						0.0000	0.0000		0.0000	0.0000	13.8927	0.0000	13.8927	0.8210	0.0000	34.4186
Water						0.0000	0.0000		0.0000	0.0000	1.0060	21.4765	22.4825	0.1039	2.5600e-003	25.8441

Total	0.4591	0.7593	2.7417	9.8700e-003	0.9053	0.0143	0.9196	0.2419	0.0138	0.2557	14.8987	1,257.6045	1,272.5032	0.9703	6.0200e-003	1,298.5535
--------------	---------------	---------------	---------------	--------------------	---------------	---------------	---------------	---------------	---------------	---------------	----------------	-------------------	-------------------	---------------	--------------------	-------------------

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003
Energy	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	381.3307	381.3307	9.7000e-003	3.4600e-003	382.6037
Mobile	0.2219	0.6665	2.6610	9.3100e-003	0.9053	7.2300e-003	0.9125	0.2419	6.7100e-003	0.2486	0.0000	854.7921	854.7921	0.0356	0.0000	855.6816
Waste						0.0000	0.0000		0.0000	0.0000	13.8927	0.0000	13.8927	0.8210	0.0000	34.4186
Water						0.0000	0.0000		0.0000	0.0000	1.0060	21.4765	22.4825	0.1039	2.5600e-003	25.8441
Total	0.4591	0.7593	2.7417	9.8700e-003	0.9053	0.0143	0.9196	0.2419	0.0138	0.2557	14.8987	1,257.6045	1,272.5032	0.9703	6.0200e-003	1,298.5535

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/1/2020	8/14/2020	5	10	
2	Site Preparation	Site Preparation	8/15/2020	8/28/2020	5	10	
3	Grading	Grading	8/29/2020	9/25/2020	5	20	
4	Building Construction	Building Construction	9/26/2020	3/25/2022	5	390	
5	Paving	Paving	3/26/2022	5/20/2022	5	40	

6	Architectural Coating	Architectural Coating	5/21/2022	6/17/2022	5	20
---	-----------------------	-----------------------	-----------	-----------	---	----

Acres of Grading (Site Preparation Phase): 5

Acres of Grading (Grading Phase): 10

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 82,950; Non-Residential Outdoor: 27,650; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	0	8.00	81	0.73
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	0	1.00	247	0.40
Grading	Sweepers/Scrubbers	1	8.00	64	0.46
Grading	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	0	6.00	89	0.20
Building Construction	Other Construction Equipment	2	8.00	172	0.42
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Architectural Coating	Aerial Lifts	1	8.00	63	0.31
Architectural Coating	Air Compressors	2	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	1	3.00	0.00	34.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	160.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	60.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	6	30.00	12.00	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	3	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2020

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					3.2100e-003	0.0000	3.2100e-003	4.9000e-004	0.0000	4.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9000e-004	7.8900e-003	8.5500e-003	1.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	1.0232	1.0232	3.3000e-004	0.0000	1.0315
Total	7.9000e-004	7.8900e-003	8.5500e-003	1.0000e-005	3.2100e-003	5.0000e-004	3.7100e-003	4.9000e-004	4.6000e-004	9.5000e-004	0.0000	1.0232	1.0232	3.3000e-004	0.0000	1.0315

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	1.3000e-004	4.8200e-003	1.2100e-003	1.0000e-005	2.9000e-004	2.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.3073	1.3073	1.4000e-004	0.0000	1.3107
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	6.0000e-005	4.0000e-005	4.6000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1425	0.1425	0.0000	0.0000	0.1426
Total	1.9000e-004	4.8600e-003	1.6700e-003	1.0000e-005	4.5000e-004	2.0000e-005	4.8000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.4498	1.4498	1.4000e-004	0.0000	1.4533

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					1.2500e-003	0.0000	1.2500e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9000e-004	7.8900e-003	8.5500e-003	1.0000e-005		5.0000e-004	5.0000e-004		4.6000e-004	4.6000e-004	0.0000	1.0232	1.0232	3.3000e-004	0.0000	1.0315
Total	7.9000e-004	7.8900e-003	8.5500e-003	1.0000e-005	1.2500e-003	5.0000e-004	1.7500e-003	1.9000e-004	4.6000e-004	6.5000e-004	0.0000	1.0232	1.0232	3.3000e-004	0.0000	1.0315

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	1.3000e-004	4.8200e-003	1.2100e-003	1.0000e-005	2.9000e-004	2.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.3073	1.3073	1.4000e-004	0.0000	1.3107
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	6.0000e-005	4.0000e-005	4.6000e-004	0.0000	1.6000e-004	0.0000	1.7000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1425	0.1425	0.0000	0.0000	0.1426
Total	1.9000e-004	4.8600e-003	1.6700e-003	1.0000e-005	4.5000e-004	2.0000e-005	4.8000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.4498	1.4498	1.4000e-004	0.0000	1.4533

3.3 Site Preparation - 2020

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					2.7000e-003	0.0000	2.7000e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4300e-003	0.0422	0.0205	5.0000e-005		1.6800e-003	1.6800e-003		1.5400e-003	1.5400e-003	0.0000	4.2796	4.2796	1.3800e-003	0.0000	4.3142
Total	3.4300e-003	0.0422	0.0205	5.0000e-005	2.7000e-003	1.6800e-003	4.3800e-003	2.9000e-004	1.5400e-003	1.8300e-003	0.0000	4.2796	4.2796	1.3800e-003	0.0000	4.3142

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1000e-004	0.0227	5.6900e-003	6.0000e-005	1.3700e-003	7.0000e-005	1.4400e-003	3.8000e-004	7.0000e-005	4.4000e-004	0.0000	6.1518	6.1518	6.5000e-004	0.0000	6.1680
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	1.0000e-004	7.0000e-005	7.7000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2375	0.2375	1.0000e-005	0.0000	0.2377
Total	7.1000e-004	0.0228	6.4600e-003	6.0000e-005	1.6400e-003	7.0000e-005	1.7200e-003	4.5000e-004	7.0000e-005	5.1000e-004	0.0000	6.3893	6.3893	6.6000e-004	0.0000	6.4057

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					1.0500e-003	0.0000	1.0500e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4300e-003	0.0422	0.0205	5.0000e-005		1.6800e-003	1.6800e-003		1.5400e-003	1.5400e-003	0.0000	4.2796	4.2796	1.3800e-003	0.0000	4.3142
Total	3.4300e-003	0.0422	0.0205	5.0000e-005	1.0500e-003	1.6800e-003	2.7300e-003	1.1000e-004	1.5400e-003	1.6500e-003	0.0000	4.2796	4.2796	1.3800e-003	0.0000	4.3142

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.1000e-004	0.0227	5.6900e-003	6.0000e-005	1.3700e-003	7.0000e-005	1.4400e-003	3.8000e-004	7.0000e-005	4.4000e-004	0.0000	6.1518	6.1518	6.5000e-004	0.0000	6.1680
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	1.0000e-004	7.0000e-005	7.7000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2375	0.2375	1.0000e-005	0.0000	0.2377
Total	7.1000e-004	0.0228	6.4600e-003	6.0000e-005	1.6400e-003	7.0000e-005	1.7200e-003	4.5000e-004	7.0000e-005	5.1000e-004	0.0000	6.3893	6.3893	6.6000e-004	0.0000	6.4057

3.4 Grading - 2020

Unmitigated Construction On-Site

Off-Road	9.0300e-003	0.1023	0.0551	1.2000e-004		4.8900e-003	4.8900e-003		4.5000e-003	4.5000e-003	0.0000	10.1103	10.1103	3.2700e-003	0.0000	10.1921
Total	9.0300e-003	0.1023	0.0551	1.2000e-004	2.0700e-003	4.8900e-003	6.9600e-003	2.2000e-004	4.5000e-003	4.7200e-003	0.0000	10.1103	10.1103	3.2700e-003	0.0000	10.1921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.3000e-004	8.5100e-003	2.1300e-003	2.0000e-005	5.1000e-004	3.0000e-005	5.4000e-004	1.4000e-004	3.0000e-005	1.7000e-004	0.0000	2.3069	2.3069	2.4000e-004	0.0000	2.3130
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	3.1000e-004	2.2000e-004	2.4800e-003	1.0000e-005	8.8000e-004	1.0000e-005	8.8000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7601	0.7601	2.0000e-005	0.0000	0.7606
Total	5.4000e-004	8.7300e-003	4.6100e-003	3.0000e-005	1.3900e-003	4.0000e-005	1.4200e-003	3.7000e-004	4.0000e-005	4.1000e-004	0.0000	3.0671	3.0671	2.6000e-004	0.0000	3.0736

3.5 Building Construction - 2020

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	0.0651	0.6711	0.5671	9.2000e-004		0.0351	0.0351		0.0329	0.0329	0.0000	80.2298	80.2298	0.0208	0.0000	80.7500
Total	0.0651	0.6711	0.5671	9.2000e-004		0.0351	0.0351		0.0329	0.0329	0.0000	80.2298	80.2298	0.0208	0.0000	80.7500

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	1.3500e-003	0.0439	0.0119	1.0000e-004	2.6100e-003	2.3000e-004	2.8300e-003	7.5000e-004	2.2000e-004	9.7000e-004	0.0000	10.0778	10.0778	8.4000e-004	0.0000	10.0989
Worker	4.0300e-003	2.8300e-003	0.0321	1.1000e-004	0.0114	8.0000e-005	0.0114	3.0200e-003	7.0000e-005	3.0900e-003	0.0000	9.8342	9.8342	2.2000e-004	0.0000	9.8398
Total	5.3800e-003	0.0467	0.0440	2.1000e-004	0.0140	3.1000e-004	0.0143	3.7700e-003	2.9000e-004	4.0600e-003	0.0000	19.9120	19.9120	1.0600e-003	0.0000	19.9386

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	0.0651	0.6711	0.5671	9.2000e-004		0.0351	0.0351		0.0329	0.0329	0.0000	80.2297	80.2297	0.0208	0.0000	80.7499
Total	0.0651	0.6711	0.5671	9.2000e-004		0.0351	0.0351		0.0329	0.0329	0.0000	80.2297	80.2297	0.0208	0.0000	80.7499

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	1.3500e-003	0.0439	0.0119	1.0000e-004	2.6100e-003	2.3000e-004	2.8300e-003	7.5000e-004	2.2000e-004	9.7000e-004	0.0000	10.0778	10.0778	8.4000e-004	0.0000	10.0989
Worker	4.0300e-003	2.8300e-003	0.0321	1.1000e-004	0.0114	8.0000e-005	0.0114	3.0200e-003	7.0000e-005	3.0900e-003	0.0000	9.8342	9.8342	2.2000e-004	0.0000	9.8398
Total	5.3800e-003	0.0467	0.0440	2.1000e-004	0.0140	3.1000e-004	0.0143	3.7700e-003	2.9000e-004	4.0600e-003	0.0000	19.9120	19.9120	1.0600e-003	0.0000	19.9386

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	0.2155	2.2045	2.1137	3.4700e-003		0.1119	0.1119		0.1048	0.1048	0.0000	303.4244	303.4244	0.0783	0.0000	305.3819
Total	0.2155	2.2045	2.1137	3.4700e-003		0.1119	0.1119		0.1048	0.1048	0.0000	303.4244	303.4244	0.0783	0.0000	305.3819

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2700e-003	0.1492	0.0418	3.8000e-004	9.8600e-003	3.1000e-004	0.0102	2.8400e-003	3.0000e-004	3.1400e-003	0.0000	37.7920	37.7920	3.0600e-003	0.0000	37.8685
Worker	0.0143	9.6400e-003	0.1125	4.0000e-004	0.0430	2.8000e-004	0.0433	0.0114	2.6000e-004	0.0117	0.0000	35.9080	35.9080	7.7000e-004	0.0000	35.9272
Total	0.0186	0.1588	0.1543	7.8000e-004	0.0528	5.9000e-004	0.0534	0.0143	5.6000e-004	0.0148	0.0000	73.7000	73.7000	3.8300e-003	0.0000	73.7957

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	0.2155	2.2045	2.1137	3.4700e-003		0.1119	0.1119		0.1048	0.1048	0.0000	303.4240	303.4240	0.0783	0.0000	305.3815
Total	0.2155	2.2045	2.1137	3.4700e-003		0.1119	0.1119		0.1048	0.1048	0.0000	303.4240	303.4240	0.0783	0.0000	305.3815

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2700e-003	0.1492	0.0418	3.8000e-004	9.8600e-003	3.1000e-004	0.0102	2.8400e-003	3.0000e-004	3.1400e-003	0.0000	37.7920	37.7920	3.0600e-003	0.0000	37.8685
Worker	0.0143	9.6400e-003	0.1125	4.0000e-004	0.0430	2.8000e-004	0.0433	0.0114	2.6000e-004	0.0117	0.0000	35.9080	35.9080	7.7000e-004	0.0000	35.9272
Total	0.0186	0.1588	0.1543	7.8000e-004	0.0528	5.9000e-004	0.0534	0.0143	5.6000e-004	0.0148	0.0000	73.7000	73.7000	3.8300e-003	0.0000	73.7957

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	0.0447	0.4478	0.4815	8.0000e-004		0.0222	0.0222		0.0208	0.0208	0.0000	69.7527	69.7527	0.0179	0.0000	70.2012
Total	0.0447	0.4478	0.4815	8.0000e-004		0.0222	0.0222		0.0208	0.0208	0.0000	69.7527	69.7527	0.0179	0.0000	70.2012

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	9.2000e-004	0.0324	9.2800e-003	9.0000e-005	2.2700e-003	6.0000e-005	2.3300e-003	6.5000e-004	6.0000e-005	7.1000e-004	0.0000	8.6022	8.6022	6.8000e-004	0.0000	8.6192
Worker	3.1200e-003	2.0100e-003	0.0241	9.0000e-005	9.8800e-003	6.0000e-005	9.9400e-003	2.6200e-003	6.0000e-005	2.6800e-003	0.0000	7.9491	7.9491	1.6000e-004	0.0000	7.9531
Total	4.0400e-003	0.0344	0.0334	1.8000e-004	0.0122	1.2000e-004	0.0123	3.2700e-003	1.2000e-004	3.3900e-003	0.0000	16.5513	16.5513	8.4000e-004	0.0000	16.5723

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	0.0447	0.4478	0.4815	8.0000e-004		0.0222	0.0222		0.0208	0.0208	0.0000	69.7526	69.7526	0.0179	0.0000	70.2011

Total	0.0447	0.4478	0.4815	8.0000e-004		0.0222	0.0222		0.0208	0.0208	0.0000	69.7526	69.7526	0.0179	0.0000	70.2011
--------------	---------------	---------------	---------------	--------------------	--	---------------	---------------	--	---------------	---------------	---------------	----------------	----------------	---------------	---------------	----------------

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	9.2000e-004	0.0324	9.2800e-003	9.0000e-005	2.2700e-003	6.0000e-005	2.3300e-003	6.5000e-004	6.0000e-005	7.1000e-004	0.0000	8.6022	8.6022	6.8000e-004	0.0000	8.6192
Worker	3.1200e-003	2.0100e-003	0.0241	9.0000e-005	9.8800e-003	6.0000e-005	9.9400e-003	2.6200e-003	6.0000e-005	2.6800e-003	0.0000	7.9491	7.9491	1.6000e-004	0.0000	7.9531
Total	4.0400e-003	0.0344	0.0334	1.8000e-004	0.0122	1.2000e-004	0.0123	3.2700e-003	1.2000e-004	3.3900e-003	0.0000	16.5513	16.5513	8.4000e-004	0.0000	16.5723

3.6 Paving - 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	0.0142	0.1378	0.1652	2.4000e-004		7.6900e-003	7.6900e-003		7.0900e-003	7.0900e-003	0.0000	21.1980	21.1980	6.7000e-003	0.0000	21.3656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0142	0.1378	0.1652	2.4000e-004		7.6900e-003	7.6900e-003		7.0900e-003	7.0900e-003	0.0000	21.1980	21.1980	6.7000e-003	0.0000	21.3656

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	9.0000e-004	5.8000e-004	6.9600e-003	3.0000e-005	2.8500e-003	2.0000e-005	2.8700e-003	7.6000e-004	2.0000e-005	7.7000e-004	0.0000	2.2964	2.2964	5.0000e-005	0.0000	2.2976
Total	9.0000e-004	5.8000e-004	6.9600e-003	3.0000e-005	2.8500e-003	2.0000e-005	2.8700e-003	7.6000e-004	2.0000e-005	7.7000e-004	0.0000	2.2964	2.2964	5.0000e-005	0.0000	2.2976

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	0.0142	0.1378	0.1652	2.4000e-004		7.6900e-003	7.6900e-003		7.0900e-003	7.0900e-003	0.0000	21.1980	21.1980	6.7000e-003	0.0000	21.3656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0142	0.1378	0.1652	2.4000e-004		7.6900e-003	7.6900e-003		7.0900e-003	7.0900e-003	0.0000	21.1980	21.1980	6.7000e-003	0.0000	21.3656

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	9.0000e-004	5.8000e-004	6.9600e-003	3.0000e-005	2.8500e-003	2.0000e-005	2.8700e-003	7.6000e-004	2.0000e-005	7.7000e-004	0.0000	2.2964	2.2964	5.0000e-005	0.0000	2.2976
Total	9.0000e-004	5.8000e-004	6.9600e-003	3.0000e-005	2.8500e-003	2.0000e-005	2.8700e-003	7.6000e-004	2.0000e-005	7.7000e-004	0.0000	2.2964	2.2964	5.0000e-005	0.0000	2.2976

3.7 Architectural Coating - 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					
Archit. Coating	0.2585					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4500e-003	0.0338	0.0472	8.0000e-005		1.7400e-003	1.7400e-003		1.7300e-003	1.7300e-003	0.0000	6.5818	6.5818	8.1000e-004	0.0000	6.6020
Total	0.2629	0.0338	0.0472	8.0000e-005		1.7400e-003	1.7400e-003		1.7300e-003	1.7300e-003	0.0000	6.5818	6.5818	8.1000e-004	0.0000	6.6020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.3000e-004	1.6100e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5299	0.5299	1.0000e-005	0.0000	0.5302
Total	2.1000e-004	1.3000e-004	1.6100e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5299	0.5299	1.0000e-005	0.0000	0.5302

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	0.2585					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4500e-003	0.0338	0.0472	8.0000e-005		1.7400e-003	1.7400e-003		1.7300e-003	1.7300e-003	0.0000	6.5818	6.5818	8.1000e-004	0.0000	6.6020
Total	0.2629	0.0338	0.0472	8.0000e-005		1.7400e-003	1.7400e-003		1.7300e-003	1.7300e-003	0.0000	6.5818	6.5818	8.1000e-004	0.0000	6.6020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.3000e-004	1.6100e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5299	0.5299	1.0000e-005	0.0000	0.5302
Total	2.1000e-004	1.3000e-004	1.6100e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5299	0.5299	1.0000e-005	0.0000	0.5302

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	0.2219	0.6665	2.6610	9.3100e-003	0.9053	7.2300e-003	0.9125	0.2419	6.7100e-003	0.2486	0.0000	854.7921	854.7921	0.0356	0.0000	855.6816
Unmitigated	0.2219	0.6665	2.6610	9.3100e-003	0.9053	7.2300e-003	0.9125	0.2419	6.7100e-003	0.2486	0.0000	854.7921	854.7921	0.0356	0.0000	855.6816

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hotel	1,045.00	1,047.50	761.25	2,397,676	2,397,676
Total	1,045.00	1,047.50	761.25	2,397,676	2,397,676

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096
Hotel	0.581674	0.046575	0.210609	0.105305	0.018431	0.006105	0.010530	0.010530	0.001724	0.001720	0.005086	0.000614	0.001096

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	280.2583	280.2583	7.7600e-003	1.6100e-003	280.9307
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	280.2583	280.2583	7.7600e-003	1.6100e-003	280.9307
NaturalGas Mitigated	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730
NaturalGas Unmitigated	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	1.89403e+006	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730
Total		0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hotel	1.89403e+006	0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730
Total		0.0102	0.0928	0.0780	5.6000e-004		7.0600e-003	7.0600e-003		7.0600e-003	7.0600e-003	0.0000	101.0724	101.0724	1.9400e-003	1.8500e-003	101.6730

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	89951	42.7379	1.1800e-003	2.4000e-004	42.8405
Hotel	499912	237.5204	6.5800e-003	1.3600e-003	238.0902
Total		280.2583	7.7600e-003	1.6000e-003	280.9307

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	89951	42.7379	1.1800e-003	2.4000e-004	42.8405
Hotel	499912	237.5204	6.5800e-003	1.3600e-003	238.0902

Total		280.2583	7.7600e-003	1.6000e-003	280.9307
-------	--	----------	-------------	-------------	----------

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003
Unmitigated	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2008					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003
Total	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003

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	0.0258					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2008					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003
Total	0.2269	2.0000e-005	2.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2400e-003	5.2400e-003	1.0000e-005	0.0000	5.5800e-003

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	22.4825	0.1039	2.5600e-003	25.8441
Unmitigated	22.4825	0.1039	2.5600e-003	25.8441

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	3.17085 / 0.352316	22.4825	0.1039	2.5600e-003	25.8441
Total		22.4825	0.1039	2.5600e-003	25.8441

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	3.17085 / 0.352316	22.4825	0.1039	2.5600e-003	25.8441
Total		22.4825	0.1039	2.5600e-003	25.8441

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.8927	0.8210	0.0000	34.4186
Unmitigated	13.8927	0.8210	0.0000	34.4186

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	68.44	13.8927	0.8210	0.0000	34.4186
Total		13.8927	0.8210	0.0000	34.4186

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Hotel	68.44	13.8927	0.8210	0.0000	34.4186

Total		13.8927	0.8210	0.0000	34.4186
-------	--	---------	--------	--------	---------

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
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

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

User Defined Equipment

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

11.0 Vegetation
