Appendix B

Air Quality and GHG Modeling Results

One Beverly Hills - Proposed Project - 2027

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

One Beverly Hills - Proposed Project - 2027 - South Coast AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	314.50	333.00
tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	2.60	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	0.70	0.00
tblLandUse	LotAcreage	5.78	7.40
tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	78,572.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	37.00	80.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
tblVehicleTrips	SU_TR	131.84	105.47
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	36.08
tblVehicleTrips	SU_TR	13.60	2.40
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.35
tblVehicleTrips	WD_TR	4.18	3.55
tblVehicleTrips	WD_TR	127.15	89.74
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	2.40
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
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tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6771	62.9788	44.1796	0.1005	10.1869	2.6572	12.8441	4.1460	2.4730	6.6190	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	28.4111	314.5879	195.4708	0.9251	36.6964	7.1743	43.8707	11.1345	6.8444	17.9789	0.0000	94,678.6415	94,678.6415	9.5080	0.0000	94,916.3409
2023	24.1557	95.9933	93.6775	0.3118	14.8112	3.2823	18.0935	3.9731	3.0962	7.0693	0.0000	31,160.2210	31,160.2210	3.4599	0.0000	31,246.7175
2024	23.4790	90.2389	90.4394	0.3078	14.8112	2.9640	17.7752	3.9731	2.7935	6.7666	0.0000	30,770.1926	30,770.1926	3.4228	0.0000	30,855.7629
2025	27.1475	121.4380	124.1027	0.3848	15.4595	4.2218	19.6812	4.1451	3.9714	8.1164	0.0000	38,080.3550	38,080.3550	5.2520	0.0000	38,211.6556
2026	14.5200	22.5340	16.6043	0.0569	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,556.9378	5,556.9378	1.2981	0.0000	5,589.3901
Maximum	**28.4111**	**314.5879**	**195.4708**	**0.9251**	**36.6964**	**7.1743**	**43.8707**	**11.1345**	**6.8444**	**17.9789**	**0.0000**	**94,678.6415**	**94,678.6415**	**9.5080**	**0.0000**	**94,916.3409**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3876	7.8995	44.8235	0.1005	5.2779	0.1852	5.4630	2.0494	0.1792	2.2286	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	12.3195	168.7736	173.2100	0.9251	25.9846	0.8792	26.8638	7.7109	0.8461	8.5570	0.0000	91,255.8056	91,255.8056	8.4010	0.0000	91,465.8297
2023	17.5108	26.2405	72.1122	0.3118	11.6700	0.1846	11.8547	3.2021	0.1765	3.3786	0.0000	23,825.7184	23,825.7184	1.0877	0.0000	23,852.9118
2024	17.2587	25.9442	69.6885	0.3078	11.6700	0.1831	11.8531	3.2021	0.1750	3.3771	0.0000	23,435.8463	23,435.8463	1.0507	0.0000	23,462.1146
2025	17.8592	28.3653	101.2278	0.3848	12.1774	0.2708	12.4483	3.3395	0.2621	3.6015	0.0000	29,069.2819	29,069.2819	2.3377	0.0000	29,127.7235
2026	12.3304	0.3584	4.4491	0.0569	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,645.1541	1,645.1541	0.0329	0.0000	1,645.9777
Maximum	**17.8592**	**168.7736**	**173.2100**	**0.9251**	**25.9846**	**0.8792**	**26.8638**	**7.7109**	**0.8461**	**8.5570**	**0.0000**	**91,255.8056**	**91,255.8056**	**8.4010**	**0.0000**	**91,465.8297**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**36.76**	**63.61**	**17.53**	**0.00**	**27.26**	**91.92**	**39.17**	**28.57**	**91.77**	**54.98**	**0.00**	**14.78**	**14.78**	**39.69**	**0.00**	**14.85**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290
Total	**37.1436**	**40.4021**	**107.3393**	**0.3744**	**30.9558**	**1.1291**	**32.0849**	**8.2802**	**1.1131**	**9.3933**	**0.0000**	**43,869.4569**	**43,869.4569**	**1.6873**	**0.2128**	**43,975.0532**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Total	**36.4426**	**36.6300**	**90.3739**	**0.2869**	**21.6691**	**1.0702**	**22.7393**	**5.7961**	**1.0584**	**6.8545**	**0.0000**	**34,942.5617**	**34,942.5617**	**1.3620**	**0.2128**	**35,040.0243**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.89**	**9.34**	**15.81**	**23.35**	**30.00**	**5.21**	**29.13**	**30.00**	**4.91**	**27.03**	**0.00**	**20.35**	**20.35**	**19.28**	**0.00**	**20.32**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	78,572.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	1.2730	0.0105	1.2836	0.3192	0.0101	0.3293		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.9996**	**0.0159**	**2.0154**	**0.5119**	**0.0150**	**0.5269**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	0.9692	0.0105	0.9797	0.2447	0.0101	0.2547		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.5378**	**0.0159**	**1.5537**	**0.3986**	**0.0150**	**0.4136**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2679	9.0600e-003	0.2770	0.0725	8.6700e-003	0.0812		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.9945**	**0.0143**	**1.0087**	**0.2652**	**0.0135**	**0.2787**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2153	9.0600e-003	0.2244	0.0596	8.6700e-003	0.0683		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.7840**	**0.0143**	**0.7982**	**0.2135**	**0.0135**	**0.2270**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0264	125.7335	32.0487	0.4444	11.0664	0.4235	11.4898	3.0322	0.4051	3.4373		48,177.0236	48,177.0236	3.0692		48,253.7547
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	0.9889	0.6171	7.1244	0.0228	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**5.0153**	**126.3506**	**39.1731**	**0.4673**	**13.6149**	**0.4417**	**14.0566**	**3.7081**	**0.4219**	**4.1300**		**50,453.6869**	**50,453.6869**	**3.1264**		**50,531.8467**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.0264	125.7335	32.0487	0.4444	8.9720	0.4235	9.3955	2.5181	0.4051	2.9233		48,177.0236	48,177.0236	3.0692		48,253.7547
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	0.9889	0.6171	7.1244	0.0228	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**5.0153**	**126.3506**	**39.1731**	**0.4673**	**10.9666**	**0.4417**	**11.4083**	**3.0581**	**0.4219**	**3.4800**		**50,453.6869**	**50,453.6869**	**3.1264**		**50,531.8467**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.9904	0.0535	2.0439	0.5730	0.0511	0.6242		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**12.6763**	**0.1299**	**12.8061**	**3.4070**	**0.1215**	**3.5284**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.6358	0.0535	1.6893	0.4860	0.0511	0.5371		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**9.9991**	**0.1299**	**10.1290**	**2.7499**	**0.1215**	**2.8713**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.9904	0.0251	2.0155	0.5730	0.0240	0.5970		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**12.6763**	**0.0995**	**12.7758**	**3.4070**	**0.0925**	**3.4995**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.6358	0.0251	1.6609	0.4860	0.0240	0.5100		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**9.9991**	**0.0995**	**10.0986**	**2.7498**	**0.0925**	**2.8424**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.9904	0.0247	2.0152	0.5730	0.0236	0.5967		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**12.6763**	**0.0982**	**12.7744**	**3.4070**	**0.0912**	**3.4982**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.6358	0.0247	1.6605	0.4860	0.0236	0.5096		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**9.9991**	**0.0982**	**10.0973**	**2.7498**	**0.0912**	**2.8411**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.9904	0.0243	2.0147	0.5730	0.0232	0.5962		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**12.6763**	**0.0963**	**12.7725**	**3.4070**	**0.0895**	**3.4964**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.6358	0.0243	1.6601	0.4860	0.0232	0.5092		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**9.9991**	**0.0963**	**10.0954**	**2.7498**	**0.0895**	**2.8393**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Unmitigated	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2027

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
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tblEnergyUse	NT24E	4.79	3.35
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tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
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tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
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tblTripsAndVMT	HaulingTripLength	20.00	35.00
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tblTripsAndVMT	HaulingTripNumber	79,311.00	78,572.00
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tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
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tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
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tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
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tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6442	62.8960	44.4562	0.1012	10.1869	2.6571	12.8440	4.1460	2.4729	6.6189	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	27.8237	311.8267	197.8422	0.9413	36.6964	7.1686	43.8651	11.1345	6.8390	17.9735	0.0000	96,352.9284	96,352.9284	9.4130	0.0000	96,588.2530
2023	23.7015	95.8886	96.9506	0.3216	14.8112	3.2811	18.0923	3.9731	3.0951	7.0682	0.0000	32,157.9485	32,157.9485	3.4510	0.0000	32,244.2236
2024	23.0354	90.1500	93.5328	0.3174	14.8112	2.9629	17.7741	3.9731	2.7925	6.7656	0.0000	31,741.8151	31,741.8151	3.4135	0.0000	31,827.1530
2025	26.6925	121.3578	127.1562	0.3944	15.4595	4.2208	19.6803	4.1451	3.9705	8.1156	0.0000	39,056.4316	39,056.4316	5.2430	0.0000	39,187.5068
2026	14.4537	22.5035	17.1454	0.0580	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,671.3744	5,671.3744	1.3007	0.0000	5,703.8907
Maximum	**27.8237**	**311.8267**	**197.8422**	**0.9413**	**36.6964**	**7.1686**	**43.8651**	**11.1345**	**6.8390**	**17.9735**	**0.0000**	**96,352.9284**	**96,352.9284**	**9.4130**	**0.0000**	**96,588.2530**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3547	7.8167	45.1001	0.1012	5.2779	0.1851	5.4629	2.0494	0.1791	2.2285	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	11.7322	166.0124	175.5814	0.9413	25.9846	0.8735	26.8581	7.7109	0.8407	8.5515	0.0000	92,930.0925	92,930.0925	8.3060	0.0000	93,137.7417
2023	17.0567	26.1358	75.3852	0.3216	11.6700	0.1835	11.8535	3.2021	0.1753	3.3775	0.0000	24,823.4459	24,823.4459	1.0789	0.0000	24,850.4179
2024	16.8151	25.8553	72.7820	0.3174	11.6700	0.1821	11.8521	3.2021	0.1740	3.3761	0.0000	24,407.4688	24,407.4688	1.0414	0.0000	24,433.5047
2025	17.4043	28.2851	104.2814	0.3944	12.1774	0.2699	12.4473	3.3395	0.2612	3.6006	0.0000	30,045.3585	30,045.3585	2.3286	0.0000	30,103.5746
2026	12.2641	0.3279	4.9902	0.0580	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,759.5908	1,759.5908	0.0355	0.0000	1,760.4783
Maximum	**17.4043**	**166.0124**	**175.5814**	**0.9413**	**25.9846**	**0.8735**	**26.8581**	**7.7109**	**0.8407**	**8.5515**	**0.0000**	**92,930.0925**	**92,930.0925**	**8.3060**	**0.0000**	**93,137.7417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**37.37**	**63.89**	**17.15**	**0.00**	**27.26**	**91.96**	**39.18**	**28.57**	**91.81**	**54.99**	**0.00**	**14.45**	**14.45**	**39.87**	**0.00**	**14.52**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791
Total	**37.5045**	**40.0946**	**111.9013**	**0.3919**	**30.9558**	**1.1281**	**32.0840**	**8.2802**	**1.1122**	**9.3924**	**0.0000**	**45,642.3599**	**45,642.3599**	**1.6772**	**0.2128**	**45,747.7033**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Total	**36.7866**	**36.5309**	**92.8487**	**0.3000**	**21.6691**	**1.0693**	**22.7383**	**5.7961**	**1.0575**	**6.8536**	**0.0000**	**36,267.0312**	**36,267.0312**	**1.3436**	**0.2128**	**36,364.0352**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.91**	**8.89**	**17.03**	**23.45**	**30.00**	**5.22**	**29.13**	**30.00**	**4.92**	**27.03**	**0.00**	**20.54**	**20.54**	**19.89**	**0.00**	**20.51**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	78,572.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	1.2730	0.0104	1.2835	0.3192	9.9800e-003	0.3292		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.9996**	**0.0158**	**2.0154**	**0.5119**	**0.0149**	**0.5268**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	0.9692	0.0104	0.9796	0.2447	9.9800e-003	0.2546		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.5378**	**0.0158**	**1.5536**	**0.3986**	**0.0149**	**0.4135**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2679	8.9800e-003	0.2769	0.0725	8.5900e-003	0.0811		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.9945**	**0.0142**	**1.0087**	**0.2652**	**0.0134**	**0.2786**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2153	8.9800e-003	0.2243	0.0596	8.5900e-003	0.0682		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.7840**	**0.0142**	**0.7982**	**0.2135**	**0.0134**	**0.2269**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9555	123.2054	30.7623	0.4496	11.0664	0.4196	11.4860	3.0322	0.4014	3.4336		48,730.7091	48,730.7091	2.9890		48,805.4350
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	0.9028	0.5638	7.9425	0.0244	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**4.8582**	**123.7693**	**38.7048**	**0.4740**	**13.6149**	**0.4378**	**14.0527**	**3.7081**	**0.4182**	**4.1263**		**51,165.1196**	**51,165.1196**	**3.0504**		**51,241.3796**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.9555	123.2054	30.7623	0.4496	8.9720	0.4196	9.3916	2.5181	0.4014	2.9196		48,730.7091	48,730.7091	2.9890		48,805.4350
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	0.9028	0.5638	7.9425	0.0244	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**4.8582**	**123.7693**	**38.7048**	**0.4740**	**10.9666**	**0.4378**	**11.4044**	**3.0581**	**0.4182**	**3.4763**		**51,165.1196**	**51,165.1196**	**3.0504**		**51,241.3796**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.9904	0.0518	2.0422	0.5730	0.0495	0.6225		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**12.6763**	**0.1282**	**12.8044**	**3.4070**	**0.1199**	**3.5268**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.6358	0.0518	1.6876	0.4860	0.0495	0.5355		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**9.9991**	**0.1282**	**10.1273**	**2.7499**	**0.1199**	**2.8697**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.9904	0.0239	2.0144	0.5730	0.0229	0.5959		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**12.6763**	**0.0984**	**12.7746**	**3.4070**	**0.0914**	**3.4984**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.6358	0.0239	1.6597	0.4860	0.0229	0.5089		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**9.9991**	**0.0984**	**10.0975**	**2.7498**	**0.0914**	**2.8412**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.9904	0.0237	2.0141	0.5730	0.0226	0.5957		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**12.6763**	**0.0971**	**12.7734**	**3.4070**	**0.0902**	**3.4972**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.6358	0.0237	1.6595	0.4860	0.0226	0.5086		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**9.9991**	**0.0971**	**10.0962**	**2.7498**	**0.0902**	**2.8401**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.9904	0.0233	2.0138	0.5730	0.0223	0.5953		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**12.6763**	**0.0954**	**12.7716**	**3.4070**	**0.0886**	**3.4956**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.6358	0.0233	1.6591	0.4860	0.0223	0.5083		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**9.9991**	**0.0954**	**10.0945**	**2.7498**	**0.0886**	**2.8384**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Unmitigated	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Uses - 2027 - Proposed Project

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Convenience Market With Gas Pumps	3.52	1000sqft	0.00	3,521.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,548.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,644.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblGrading	AcresOfGrading	0.00	75.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00

tblLandUse	LandUseSquareFeet	3,520.00	3,521.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00
tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	369.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	65.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	14.00	79.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1,448.33	724.17
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1,182.08	591.04
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	845.60	408.52

tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	2.6513	0.0000	2.6513	0.2863	0.0000	0.2863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000	0.0000	0.0000	2.6513	0.0000	2.6513	0.2863	0.0000	0.2863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

One Beverly Hilton - Existing Uses - 2027 - Proposed Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Energy	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
Mobile	4.9640	25.3200	56.1281	0.2430	23.6863	0.1740	23.8603	6.3357	0.1615	6.4972		24,881.1299	24,881.1299	1.1112		24,908.9093
Total	**13.0787**	**27.7321**	**58.3046**	**0.2575**	**23.6863**	**0.3577**	**24.0440**	**6.3357**	**0.3453**	**6.6810**		**27,774.3117**	**27,774.3117**	**1.1675**	**0.0530**	**27,819.3031**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Energy	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
Mobile	4.4277	22.4337	43.1468	0.1762	16.5804	0.1289	16.7093	4.4350	0.1197	4.5547		18,050.5866	18,050.5866	0.8622		18,072.1424
Total	**12.5423**	**24.8458**	**45.3233**	**0.1906**	**16.5804**	**0.3127**	**16.8931**	**4.4350**	**0.3034**	**4.7384**		**20,943.7685**	**20,943.7685**	**0.9185**	**0.0530**	**20,982.5363**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.10**	**10.41**	**22.26**	**25.97**	**30.00**	**12.59**	**29.74**	**30.00**	**12.12**	**29.08**	**0.00**	**24.59**	**24.59**	**21.32**	**0.00**	**24.58**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

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

OffRoad Equipment

One Beverly Hilton - Existing Uses - 2027 - Proposed Project - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

3.3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

3.4 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					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.7 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.4277	22.4337	43.1468	0.1762	16.5804	0.1289	16.7093	4.4350	0.1197	4.5547		18,050.5866	18,050.5866	0.8622		18,072.1424
Unmitigated	4.9640	25.3200	56.1281	0.2430	23.6863	0.1740	23.8603	6.3357	0.1615	6.4972		24,881.1299	24,881.1299	1.1112		24,908.9093

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market With Gas Pumps	1,437.99	2,549.08	2080.46	4,236,012	2,965,208
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	3,246.74	4,564.58	3,558.60	8,432,787	5,902,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Convenience Market With Gas	16.60	8.40	6.90	0.80	80.20	19.00	79	21	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Convenience Market With Gas Pumps	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2027 - Proposed Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
NaturalGas Unmitigated	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472

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					
City Park	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
Convenience Market With Gas Pumps	17.5568	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0655	2.0655	4.0000e-005	4.0000e-005	2.0778
Hotel	22314.9	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	568.312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1675.76	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	12.7948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2652**	**2.4107**	**2.0250**	**0.0145**		**0.1832**	**0.1832**		**0.1832**	**0.1832**		**2,892.8564**	**2,892.8564**	**0.0555**	**0.0530**	**2,910.0472**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Convenience Market With Gas Pumps	0.0175568	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0655	2.0655	4.0000e-005	4.0000e-005	2.0778
Hotel	22.3149	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	0.568312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1.67576	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	0.0127948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2652**	**2.4107**	**2.0250**	**0.0145**		**0.1832**	**0.1832**		**0.1832**	**0.1832**		**2,892.8564**	**2,892.8564**	**0.0555**	**0.0530**	**2,910.0472**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Unmitigated	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467

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	0.9041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.9315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Total	**7.8495**	**1.3700e-003**	**0.1515**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3255**	**0.3255**	**8.5000e-004**		**0.3467**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.9315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Total	**7.8495**	**1.3700e-003**	**0.1515**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3255**	**0.3255**	**8.5000e-004**		**0.3467**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Uses - 2027 - Proposed Project

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Convenience Market With Gas Pumps	3.52	1000sqft	0.00	3,521.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,548.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,644.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblGrading	AcresOfGrading	0.00	75.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00

tblLandUse	LandUseSquareFeet	3,520.00	3,521.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00
tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	369.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	65.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	14.00	79.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1,448.33	724.17
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1,182.08	591.04
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	845.60	408.52

tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	2.6513	0.0000	2.6513	0.2863	0.0000	0.2863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000	0.0000	0.0000	2.6513	0.0000	2.6513	0.2863	0.0000	0.2863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

One Beverly Hilton - Existing Uses - 2027 - Proposed Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Energy	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
Mobile	5.2697	25.1223	59.3866	0.2567	23.6863	0.1732	23.8595	6.3357	0.1608	6.4965		26,264.6572	26,264.6572	1.0998		26,292.1521
Total	**13.3844**	**27.5343**	**61.5630**	**0.2712**	**23.6863**	**0.3569**	**24.0432**	**6.3357**	**0.3445**	**6.6802**		**29,157.8390**	**29,157.8390**	**1.1561**	**0.0530**	**29,202.5459**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Energy	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
Mobile	4.7204	22.3954	44.8082	0.1864	16.5804	0.1281	16.7085	4.4350	0.1189	4.5539		19,090.9886	19,090.9886	0.8446		19,112.1025
Total	**12.8350**	**24.8075**	**46.9846**	**0.2009**	**16.5804**	**0.3119**	**16.8923**	**4.4350**	**0.3027**	**4.7376**		**21,984.1705**	**21,984.1705**	**0.9009**	**0.0530**	**22,022.4963**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.10**	**9.90**	**23.68**	**25.93**	**30.00**	**12.62**	**29.74**	**30.00**	**12.15**	**29.08**	**0.00**	**24.60**	**24.60**	**22.08**	**0.00**	**24.59**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

3.3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

3.4 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					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6513	0.0000	2.6513	0.2863	0.0000	0.2863			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.6513**	**0.0000**	**2.6513**	**0.2863**	**0.0000**	**0.2863**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.7 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.7204	22.3954	44.8082	0.1864	16.5804	0.1281	16.7085	4.4350	0.1189	4.5539		19,090.9886	19,090.9886	0.8446		19,112.1025
Unmitigated	5.2697	25.1223	59.3866	0.2567	23.6863	0.1732	23.8595	6.3357	0.1608	6.4965		26,264.6572	26,264.6572	1.0998		26,292.1521

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market With Gas Pumps	1,437.99	2,549.08	2080.46	4,236,012	2,965,208
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	3,246.74	4,564.58	3,558.60	8,432,787	5,902,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Convenience Market With Gas	16.60	8.40	6.90	0.80	80.20	19.00	79	21	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Convenience Market With Gas Pumps	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2027 - Proposed Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472
NaturalGas Unmitigated	0.2652	2.4107	2.0250	0.0145		0.1832	0.1832		0.1832	0.1832		2,892.8564	2,892.8564	0.0555	0.0530	2,910.0472

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					
City Park	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
Convenience Market With Gas Pumps	17.5568	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0655	2.0655	4.0000e-005	4.0000e-005	2.0778
Hotel	22314.9	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	568.312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1675.76	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	12.7948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2652**	**2.4107**	**2.0250**	**0.0145**		**0.1832**	**0.1832**		**0.1832**	**0.1832**		**2,892.8564**	**2,892.8564**	**0.0555**	**0.0530**	**2,910.0472**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Convenience Market With Gas Pumps	0.0175568	1.9000e-004	1.7200e-003	1.4500e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004		2.0655	2.0655	4.0000e-005	4.0000e-005	2.0778
Hotel	22.3149	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	0.568312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1.67576	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	0.0127948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2652**	**2.4107**	**2.0250**	**0.0145**		**0.1832**	**0.1832**		**0.1832**	**0.1832**		**2,892.8564**	**2,892.8564**	**0.0555**	**0.0530**	**2,910.0472**

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	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Unmitigated	7.8495	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467

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	0.9041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.9315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Total	**7.8495**	**1.3700e-003**	**0.1515**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3255**	**0.3255**	**8.5000e-004**		**0.3467**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9041					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.9315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1515	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3255	0.3255	8.5000e-004		0.3467
Total	**7.8495**	**1.3700e-003**	**0.1515**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3255**	**0.3255**	**8.5000e-004**		**0.3467**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	314.50	333.00
tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	2.60	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	0.70	0.00
tblLandUse	LotAcreage	5.78	7.40
tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	39,286.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	37.00	80.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
tblVehicleTrips	SU_TR	131.84	105.47
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	36.08
tblVehicleTrips	SU_TR	13.60	2.40
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.35
tblVehicleTrips	WD_TR	4.18	3.55
tblVehicleTrips	WD_TR	127.15	89.74
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	2.40
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6771	62.9788	44.1796	0.1005	10.1869	2.6572	12.8441	4.1460	2.4730	6.6190	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	26.3979	251.7211	179.4465	0.7029	31.1633	6.9626	38.1258	9.6184	6.6418	16.2602	0.0000	70,590.1297	70,590.1297	7.9734	0.0000	70,789.4636
2023	24.1557	95.9933	93.6775	0.3118	14.8112	3.2823	18.0935	3.9731	3.0962	7.0693	0.0000	31,160.2210	31,160.2210	3.4599	0.0000	31,246.7175
2024	23.4790	90.2389	90.4394	0.3078	14.8112	2.9640	17.7752	3.9731	2.7935	6.7666	0.0000	30,770.1926	30,770.1926	3.4228	0.0000	30,855.7629
2025	27.1475	121.4380	124.1027	0.3848	15.4595	4.2218	19.6812	4.1451	3.9714	8.1164	0.0000	38,080.3550	38,080.3550	5.2520	0.0000	38,211.6556
2026	14.5200	22.5340	16.6043	0.0569	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,556.9378	5,556.9378	1.2981	0.0000	5,589.3901
Maximum	**27.1475**	**251.7211**	**179.4465**	**0.7029**	**31.1633**	**6.9626**	**38.1258**	**9.6184**	**6.6418**	**16.2602**	**0.0000**	**70,590.1297**	**70,590.1297**	**7.9734**	**0.0000**	**70,789.4636**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3876	7.8995	44.8235	0.1005	5.2779	0.1852	5.4630	2.0494	0.1792	2.2286	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	10.3063	105.9069	157.1857	0.7029	21.4986	0.6674	22.1660	6.4518	0.6435	7.0953	0.0000	67,167.2938	67,167.2938	6.8663	0.0000	67,338.9523
2023	17.5108	26.2405	72.1122	0.3118	11.6700	0.1846	11.8547	3.2021	0.1765	3.3786	0.0000	23,825.7184	23,825.7184	1.0877	0.0000	23,852.9118
2024	17.2587	25.9442	69.6885	0.3078	11.6700	0.1831	11.8531	3.2021	0.1750	3.3771	0.0000	23,435.8463	23,435.8463	1.0507	0.0000	23,462.1146
2025	17.8592	28.3653	101.2278	0.3848	12.1774	0.2708	12.4483	3.3395	0.2621	3.6015	0.0000	29,069.2819	29,069.2819	2.3377	0.0000	29,127.7235
2026	12.3304	0.3584	4.4491	0.0569	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,645.1541	1,645.1541	0.0329	0.0000	1,645.9777
Maximum	**17.8592**	**105.9069**	**157.1857**	**0.7029**	**21.4986**	**0.6674**	**22.1660**	**6.4518**	**0.6435**	**7.0953**	**0.0000**	**67,167.2938**	**67,167.2938**	**6.8663**	**0.0000**	**67,338.9523**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**37.36**	**69.81**	**18.04**	**0.00**	**27.78**	**92.85**	**40.27**	**29.24**	**92.70**	**56.47**	**0.00**	**16.69**	**16.69**	**42.25**	**0.00**	**16.77**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290
Total	**37.1436**	**40.4021**	**107.3393**	**0.3744**	**30.9558**	**1.1291**	**32.0849**	**8.2802**	**1.1131**	**9.3933**	**0.0000**	**43,869.4569**	**43,869.4569**	**1.6873**	**0.2128**	**43,975.0532**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Total	**36.4426**	**36.6300**	**90.3739**	**0.2869**	**21.6691**	**1.0702**	**22.7393**	**5.7961**	**1.0584**	**6.8545**	**0.0000**	**34,942.5617**	**34,942.5617**	**1.3620**	**0.2128**	**35,040.0243**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.89**	**9.34**	**15.81**	**23.35**	**30.00**	**5.21**	**29.13**	**30.00**	**4.91**	**27.03**	**0.00**	**20.35**	**20.35**	**19.28**	**0.00**	**20.32**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	39,286.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	1.2730	0.0105	1.2836	0.3192	0.0101	0.3293		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.9996**	**0.0159**	**2.0154**	**0.5119**	**0.0150**	**0.5269**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	0.9692	0.0105	0.9797	0.2447	0.0101	0.2547		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.5378**	**0.0159**	**1.5537**	**0.3986**	**0.0150**	**0.4136**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2679	9.0600e-003	0.2770	0.0725	8.6700e-003	0.0812		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.9945**	**0.0143**	**1.0087**	**0.2652**	**0.0135**	**0.2787**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2153	9.0600e-003	0.2244	0.0596	8.6700e-003	0.0683		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.7840**	**0.0143**	**0.7982**	**0.2135**	**0.0135**	**0.2270**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0132	62.8668	16.0244	0.2222	5.5332	0.2117	5.7449	1.5161	0.2026	1.7187		24,088.5118	24,088.5118	1.5346		24,126.8774
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	0.9889	0.6171	7.1244	0.0228	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**3.0021**	**63.4838**	**23.1488**	**0.2451**	**8.0817**	**0.2300**	**8.3116**	**2.1920**	**0.2194**	**2.4113**		**26,365.1751**	**26,365.1751**	**1.5918**		**26,404.9693**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0132	62.8668	16.0244	0.2222	4.4860	0.2117	4.6977	1.2591	0.2026	1.4616		24,088.5118	24,088.5118	1.5346		24,126.8774
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	0.9889	0.6171	7.1244	0.0228	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**3.0021**	**63.4838**	**23.1488**	**0.2451**	**6.4806**	**0.2300**	**6.7106**	**1.7990**	**0.2194**	**2.0183**		**26,365.1751**	**26,365.1751**	**1.5918**		**26,404.9693**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.9904	0.0535	2.0439	0.5730	0.0511	0.6242		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**12.6763**	**0.1299**	**12.8061**	**3.4070**	**0.1215**	**3.5284**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.6358	0.0535	1.6893	0.4860	0.0511	0.5371		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**9.9991**	**0.1299**	**10.1290**	**2.7499**	**0.1215**	**2.8713**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.9904	0.0251	2.0155	0.5730	0.0240	0.5970		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**12.6763**	**0.0995**	**12.7758**	**3.4070**	**0.0925**	**3.4995**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.6358	0.0251	1.6609	0.4860	0.0240	0.5100		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**9.9991**	**0.0995**	**10.0986**	**2.7498**	**0.0925**	**2.8424**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.9904	0.0247	2.0152	0.5730	0.0236	0.5967		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**12.6763**	**0.0982**	**12.7744**	**3.4070**	**0.0912**	**3.4982**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.6358	0.0247	1.6605	0.4860	0.0236	0.5096		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**9.9991**	**0.0982**	**10.0973**	**2.7498**	**0.0912**	**2.8411**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.9904	0.0243	2.0147	0.5730	0.0232	0.5962		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**12.6763**	**0.0963**	**12.7725**	**3.4070**	**0.0895**	**3.4964**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.6358	0.0243	1.6601	0.4860	0.0232	0.5092		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**9.9991**	**0.0963**	**10.0954**	**2.7498**	**0.0895**	**2.8393**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Unmitigated	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	314.50	333.00
tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	2.60	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	0.70	0.00
tblLandUse	LotAcreage	5.78	7.40
tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	39,286.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	37.00	80.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
tblVehicleTrips	SU_TR	131.84	105.47
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	36.08
tblVehicleTrips	SU_TR	13.60	2.40
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.35
tblVehicleTrips	WD_TR	4.18	3.55
tblVehicleTrips	WD_TR	127.15	89.74
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	2.40
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6442	62.8960	44.4562	0.1012	10.1869	2.6571	12.8440	4.1460	2.4729	6.6189	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	25.8460	250.2239	182.4611	0.7165	31.1633	6.9588	38.1221	9.6184	6.6383	16.2567	0.0000	71,987.5739	71,987.5739	7.9185	0.0000	72,185.5355
2023	23.7015	95.8886	96.9506	0.3216	14.8112	3.2811	18.0923	3.9731	3.0951	7.0682	0.0000	32,157.9485	32,157.9485	3.4510	0.0000	32,244.2236
2024	23.0354	90.1500	93.5328	0.3174	14.8112	2.9629	17.7741	3.9731	2.7925	6.7656	0.0000	31,741.8151	31,741.8151	3.4135	0.0000	31,827.1530
2025	26.6925	121.3578	127.1562	0.3944	15.4595	4.2208	19.6803	4.1451	3.9705	8.1156	0.0000	39,056.4316	39,056.4316	5.2430	0.0000	39,187.5068
2026	14.4537	22.5035	17.1454	0.0580	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,671.3744	5,671.3744	1.3007	0.0000	5,703.8907
Maximum	**26.6925**	**250.2239**	**182.4611**	**0.7165**	**31.1633**	**6.9588**	**38.1221**	**9.6184**	**6.6383**	**16.2567**	**0.0000**	**71,987.5739**	**71,987.5739**	**7.9185**	**0.0000**	**72,185.5355**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3547	7.8167	45.1001	0.1012	5.2779	0.1851	5.4629	2.0494	0.1791	2.2285	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	9.7544	104.4097	160.2003	0.7165	21.4986	0.6637	22.1623	6.4518	0.6400	7.0918	0.0000	68,564.7380	68,564.7380	6.8115	0.0000	68,735.0242
2023	17.0567	26.1358	75.3852	0.3216	11.6700	0.1835	11.8535	3.2021	0.1753	3.3775	0.0000	24,823.4459	24,823.4459	1.0789	0.0000	24,850.4179
2024	16.8151	25.8553	72.7820	0.3174	11.6700	0.1821	11.8521	3.2021	0.1740	3.3761	0.0000	24,407.4688	24,407.4688	1.0414	0.0000	24,433.5047
2025	17.4043	28.2851	104.2814	0.3944	12.1774	0.2699	12.4473	3.3395	0.2612	3.6006	0.0000	30,045.3585	30,045.3585	2.3286	0.0000	30,103.5746
2026	12.2641	0.3279	4.9902	0.0580	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,759.5908	1,759.5908	0.0355	0.0000	1,760.4783
Maximum	**17.4043**	**104.4097**	**160.2003**	**0.7165**	**21.4986**	**0.6637**	**22.1623**	**6.4518**	**0.6400**	**7.0918**	**0.0000**	**68,564.7380**	**68,564.7380**	**6.8115**	**0.0000**	**68,735.0242**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**37.99**	**70.01**	**17.62**	**0.00**	**27.78**	**92.88**	**40.27**	**29.24**	**92.73**	**56.47**	**0.00**	**16.30**	**16.30**	**42.39**	**0.00**	**16.38**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791
Total	**37.5045**	**40.0946**	**111.9013**	**0.3919**	**30.9558**	**1.1281**	**32.0840**	**8.2802**	**1.1122**	**9.3924**	**0.0000**	**45,642.3599**	**45,642.3599**	**1.6772**	**0.2128**	**45,747.7033**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Total	**36.7866**	**36.5309**	**92.8487**	**0.3000**	**21.6691**	**1.0693**	**22.7383**	**5.7961**	**1.0575**	**6.8536**	**0.0000**	**36,267.0312**	**36,267.0312**	**1.3436**	**0.2128**	**36,364.0352**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.91**	**8.89**	**17.03**	**23.45**	**30.00**	**5.22**	**29.13**	**30.00**	**4.92**	**27.03**	**0.00**	**20.54**	**20.54**	**19.89**	**0.00**	**20.51**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	39,286.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	1.2730	0.0104	1.2835	0.3192	9.9800e-003	0.3292		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.9996**	**0.0158**	**2.0154**	**0.5119**	**0.0149**	**0.5268**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	0.9692	0.0104	0.9796	0.2447	9.9800e-003	0.2546		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.5378**	**0.0158**	**1.5536**	**0.3986**	**0.0149**	**0.4135**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2679	8.9800e-003	0.2769	0.0725	8.5900e-003	0.0811		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.9945**	**0.0142**	**1.0087**	**0.2652**	**0.0134**	**0.2786**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2153	8.9800e-003	0.2243	0.0596	8.5900e-003	0.0682		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.7840**	**0.0142**	**0.7982**	**0.2135**	**0.0134**	**0.2269**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9777	61.6027	15.3812	0.2248	5.5332	0.2098	5.7430	1.5161	0.2007	1.7168		24,365.3545	24,365.3545	1.4945		24,402.7175
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	0.9028	0.5638	7.9425	0.0244	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**2.8805**	**62.1666**	**23.3236**	**0.2492**	**8.0817**	**0.2280**	**8.3097**	**2.1920**	**0.2175**	**2.4095**		**26,799.7651**	**26,799.7651**	**1.5559**		**26,838.6622**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9777	61.6027	15.3812	0.2248	4.4860	0.2098	4.6958	1.2591	0.2007	1.4598		24,365.3545	24,365.3545	1.4945		24,402.7175
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	0.9028	0.5638	7.9425	0.0244	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**2.8805**	**62.1666**	**23.3236**	**0.2492**	**6.4806**	**0.2280**	**6.7086**	**1.7990**	**0.2175**	**2.0165**		**26,799.7651**	**26,799.7651**	**1.5559**		**26,838.6622**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.9904	0.0518	2.0422	0.5730	0.0495	0.6225		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**12.6763**	**0.1282**	**12.8044**	**3.4070**	**0.1199**	**3.5268**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.6358	0.0518	1.6876	0.4860	0.0495	0.5355		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**9.9991**	**0.1282**	**10.1273**	**2.7499**	**0.1199**	**2.8697**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.9904	0.0239	2.0144	0.5730	0.0229	0.5959		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**12.6763**	**0.0984**	**12.7746**	**3.4070**	**0.0914**	**3.4984**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.6358	0.0239	1.6597	0.4860	0.0229	0.5089		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**9.9991**	**0.0984**	**10.0975**	**2.7498**	**0.0914**	**2.8412**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.9904	0.0237	2.0141	0.5730	0.0226	0.5957		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**12.6763**	**0.0971**	**12.7734**	**3.4070**	**0.0902**	**3.4972**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.6358	0.0237	1.6595	0.4860	0.0226	0.5086		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**9.9991**	**0.0971**	**10.0962**	**2.7498**	**0.0902**	**2.8401**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.9904	0.0233	2.0138	0.5730	0.0223	0.5953		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**12.6763**	**0.0954**	**12.7716**	**3.4070**	**0.0886**	**3.4956**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.6358	0.0233	1.6591	0.4860	0.0223	0.5083		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**9.9991**	**0.0954**	**10.0945**	**2.7498**	**0.0886**	**2.8384**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Unmitigated	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 and MM-AQ-9

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 and MM-AQ-9 - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	314.50	333.00
tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	2.60	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	0.70	0.00
tblLandUse	LotAcreage	5.78	7.40
tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	39,286.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	37.00	80.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
tblVehicleTrips	SU_TR	131.84	105.47
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	36.08
tblVehicleTrips	SU_TR	13.60	2.40
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.35
tblVehicleTrips	WD_TR	4.18	3.55
tblVehicleTrips	WD_TR	127.15	89.74
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	2.40
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6771	62.9788	44.1796	0.1005	10.1869	2.6572	12.8441	4.1460	2.4730	6.6190	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	13.8985	113.1893	103.9912	0.3237	15.1381	3.7356	18.8736	3.8993	3.5540	7.4484	0.0000	32,180.2367	32,180.2367	3.5395	0.0000	32,268.7249
2023	35.5944	205.1176	166.2686	0.6810	30.8363	6.1609	36.9972	9.6972	5.8589	15.5560	0.0000	68,547.0327	68,547.0327	7.7921	0.0000	68,741.8350
2024	23.4790	90.2389	90.4394	0.3078	14.8112	2.9640	17.7752	3.9731	2.7935	6.7666	0.0000	30,770.1926	30,770.1926	3.4228	0.0000	30,855.7629
2025	27.1475	121.4380	124.1027	0.3848	15.4595	4.2218	19.6812	4.1451	3.9714	8.1164	0.0000	38,080.3550	38,080.3550	5.2520	0.0000	38,211.6556
2026	14.5200	22.5340	16.6043	0.0569	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,556.9378	5,556.9378	1.2981	0.0000	5,589.3901
Maximum	**35.5944**	**205.1176**	**166.2686**	**0.6810**	**30.8363**	**6.1609**	**36.9972**	**9.6972**	**5.8589**	**15.5560**	**0.0000**	**68,547.0327**	**68,547.0327**	**7.7921**	**0.0000**	**68,741.8350**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3876	7.8995	44.8235	0.1005	5.2779	0.1852	5.4630	2.0494	0.1792	2.2286	0.0000	9,632.2853	9,632.2853	2.3351	0.0000	9,690.6623
2022	6.3520	38.0270	93.2367	0.3237	11.4434	0.2929	11.7363	3.0634	0.2816	3.3450	0.0000	28,757.4008	28,757.4008	2.4325	0.0000	28,818.2136
2023	20.7160	69.1341	133.9699	0.6810	21.7251	0.4317	22.1569	6.5905	0.4165	7.0070	0.0000	61,212.5301	61,212.5301	5.4200	0.0000	61,348.0292
2024	17.2587	25.9442	69.6885	0.3078	11.6700	0.1831	11.8531	3.2021	0.1750	3.3771	0.0000	23,435.8463	23,435.8463	1.0507	0.0000	23,462.1146
2025	17.8592	28.3653	101.2278	0.3848	12.1774	0.2708	12.4483	3.3395	0.2621	3.6015	0.0000	29,069.2819	29,069.2819	2.3377	0.0000	29,127.7235
2026	12.3304	0.3584	4.4491	0.0569	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,645.1541	1,645.1541	0.0329	0.0000	1,645.9777
Maximum	**20.7160**	**69.1341**	**133.9699**	**0.6810**	**21.7251**	**0.4317**	**22.1569**	**6.5905**	**0.4165**	**7.0070**	**0.0000**	**61,212.5301**	**61,212.5301**	**5.4200**	**0.0000**	**61,348.0292**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**37.43**	**72.42**	**18.00**	**0.00**	**27.78**	**93.34**	**40.20**	**29.25**	**93.20**	**56.42**	**0.00**	**16.79**	**16.79**	**42.43**	**0.00**	**16.87**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290
Total	**37.1436**	**40.4021**	**107.3393**	**0.3744**	**30.9558**	**1.1291**	**32.0849**	**8.2802**	**1.1131**	**9.3933**	**0.0000**	**43,869.4569**	**43,869.4569**	**1.6873**	**0.2128**	**43,975.0532**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Total	**36.4426**	**36.6300**	**90.3739**	**0.2869**	**21.6691**	**1.0702**	**22.7393**	**5.7961**	**1.0584**	**6.8545**	**0.0000**	**34,942.5617**	**34,942.5617**	**1.3620**	**0.2128**	**35,040.0243**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.89**	**9.34**	**15.81**	**23.35**	**30.00**	**5.21**	**29.13**	**30.00**	**4.91**	**27.03**	**0.00**	**20.35**	**20.35**	**19.28**	**0.00**	**20.32**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
4	Grading	Grading	1/2/2023	10/31/2023	5	217	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	39,286.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	1.2730	0.0105	1.2836	0.3192	0.0101	0.3293		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.9996**	**0.0159**	**2.0154**	**0.5119**	**0.0150**	**0.5269**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0907	2.9426	0.6937	9.6400e-003	0.9692	0.0105	0.9797	0.2447	0.0101	0.2547		1,043.9200	1,043.9200	0.0666		1,045.5838
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	0.2998	0.1948	2.2005	6.7500e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		673.1841	673.1841	0.0180		673.6352
Total	**0.3904**	**3.1374**	**2.8942**	**0.0164**	**1.5378**	**0.0159**	**1.5537**	**0.3986**	**0.0150**	**0.4136**		**1,717.1041**	**1,717.1041**	**0.0846**		**1,719.2190**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2679	9.0600e-003	0.2770	0.0725	8.6700e-003	0.0812		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.9945**	**0.0143**	**1.0087**	**0.2652**	**0.0135**	**0.2787**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0862	2.6915	0.6860	9.5100e-003	0.2153	9.0600e-003	0.2244	0.0596	8.6700e-003	0.0683		1,031.2870	1,031.2870	0.0657		1,032.9295
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	0.2819	0.1759	2.0311	6.5100e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		649.0487	649.0487	0.0163		649.4561
Total	**0.3681**	**2.8674**	**2.7171**	**0.0160**	**0.7840**	**0.0143**	**0.7982**	**0.2135**	**0.0135**	**0.2270**		**1,680.3357**	**1,680.3357**	**0.0820**		**1,682.3855**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.4 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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.9904	0.0535	2.0439	0.5730	0.0511	0.6242		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**12.6763**	**0.1299**	**12.8061**	**3.4070**	**0.1215**	**3.5284**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8546	28.0434	7.4482	0.0764	1.6358	0.0535	1.6893	0.4860	0.0511	0.5371		8,154.2404	8,154.2404	0.5296		8,167.4796
Worker	4.1465	2.5873	29.8725	0.0958	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		9,546.0091	9,546.0091	0.2396		9,551.9997
Total	**5.0010**	**30.6306**	**37.3207**	**0.1721**	**9.9991**	**0.1299**	**10.1290**	**2.7499**	**0.1215**	**2.8713**		**17,700.2495**	**17,700.2495**	**0.7692**		**17,719.4793**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.9904	0.0251	2.0155	0.5730	0.0240	0.5970		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**12.6763**	**0.0995**	**12.7758**	**3.4070**	**0.0925**	**3.4995**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6378	21.1495	6.5860	0.0740	1.6358	0.0251	1.6609	0.4860	0.0240	0.5100		7,910.6475	7,910.6475	0.4585		7,922.1099
Worker	3.9106	2.3402	27.5323	0.0922	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,189.9939	9,189.9939	0.2159		9,195.3912
Total	**4.5484**	**23.4896**	**34.1183**	**0.1661**	**9.9991**	**0.0995**	**10.0986**	**2.7498**	**0.0925**	**2.8424**		**17,100.6414**	**17,100.6414**	**0.6744**		**17,117.5010**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.9904	0.0247	2.0152	0.5730	0.0236	0.5967		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**12.6763**	**0.0982**	**12.7744**	**3.4070**	**0.0912**	**3.4982**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6240	21.1032	6.3972	0.0737	1.6358	0.0247	1.6605	0.4860	0.0236	0.5096		7,883.7422	7,883.7422	0.4509		7,895.0154
Worker	3.7120	2.1318	25.6696	0.0891	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		8,887.1913	8,887.1913	0.1977		8,892.1329
Total	**4.3360**	**23.2350**	**32.0668**	**0.1628**	**9.9991**	**0.0982**	**10.0973**	**2.7498**	**0.0912**	**2.8411**		**16,770.9335**	**16,770.9335**	**0.6486**		**16,787.1483**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.9904	0.0243	2.0147	0.5730	0.0232	0.5962		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**12.6763**	**0.0963**	**12.7725**	**3.4070**	**0.0895**	**3.4964**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6081	20.9187	6.2300	0.0732	1.6358	0.0243	1.6601	0.4860	0.0232	0.5092		7,840.2621	7,840.2621	0.4433		7,851.3448
Worker	3.5360	1.9490	23.8334	0.0856	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		8,537.1133	8,537.1133	0.1801		8,541.6146
Total	**4.1440**	**22.8677**	**30.0634**	**0.1588**	**9.9991**	**0.0963**	**10.0954**	**2.7498**	**0.0895**	**2.8393**		**16,377.3754**	**16,377.3754**	**0.6234**		**16,392.9594**

3.5 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.1816	70.5582	51.5344	0.1342		2.7731	2.7731		2.6625	2.6625		12,049.0630	12,049.0630	2.8435		12,120.1495
Total	**9.1816**	**70.5582**	**51.5344**	**0.1342**	**7.9435**	**2.7731**	**10.7166**	**3.5321**	**2.6625**	**6.1945**		**12,049.0630**	**12,049.0630**	**2.8435**		**12,120.1495**

3.5 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3245	38.0080	14.4904	0.2131	5.5331	0.0877	5.6208	1.5161	0.0839	1.6000		23,145.9928	23,145.9928	1.4373		23,181.9248
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	0.9327	0.5581	6.5663	0.0220	2.5485	0.0178	2.5663	0.6759	0.0163	0.6922		2,191.7559	2,191.7559	0.0515		2,193.0431
Total	**2.2571**	**38.5661**	**21.0567**	**0.2351**	**8.0816**	**0.1055**	**8.1871**	**2.1920**	**0.1003**	**2.2922**		**25,337.7487**	**25,337.7487**	**1.4888**		**25,374.9679**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9481	4.3276	40.8010	0.1342		0.1416	0.1416		0.1398	0.1398	0.0000	12,049.0630	12,049.0630	2.8435		12,120.1495
Total	**0.9481**	**4.3276**	**40.8010**	**0.1342**	**3.5746**	**0.1416**	**3.7162**	**1.5894**	**0.1398**	**1.7292**	**0.0000**	**12,049.0630**	**12,049.0630**	**2.8435**		**12,120.1495**

3.5 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3245	38.0080	14.4904	0.2131	4.4859	0.0877	4.5736	1.2590	0.0839	1.3430		23,145.9928	23,145.9928	1.4373		23,181.9248
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	0.9327	0.5581	6.5663	0.0220	1.9946	0.0178	2.0124	0.5399	0.0163	0.5563		2,191.7559	2,191.7559	0.0515		2,193.0431
Total	**2.2571**	**38.5661**	**21.0567**	**0.2351**	**6.4805**	**0.1055**	**6.5860**	**1.7990**	**0.1003**	**1.8992**		**25,337.7487**	**25,337.7487**	**1.4888**		**25,374.9679**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7813	0.4676	5.5007	0.0184	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,836.0762	1,836.0762	0.0431		1,837.1545
Total	**0.7813**	**0.4676**	**5.5007**	**0.0184**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,836.0762**	**1,836.0762**	**0.0431**		**1,837.1545**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7416	0.4259	5.1286	0.0178	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,775.5790	1,775.5790	0.0395		1,776.5663
Total	**0.7416**	**0.4259**	**5.1286**	**0.0178**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,775.5790**	**1,775.5790**	**0.0395**		**1,776.5663**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7065	0.3894	4.7617	0.0171	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,705.6367	1,705.6367	0.0360		1,706.5360
Total	**0.7065**	**0.3894**	**4.7617**	**0.0171**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,705.6367**	**1,705.6367**	**0.0360**		**1,706.5360**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6762	0.3584	4.4491	0.0165	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,645.1541	1,645.1541	0.0329		1,645.9777
Total	**0.6762**	**0.3584**	**4.4491**	**0.0165**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,645.1541**	**1,645.1541**	**0.0329**		**1,645.9777**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3197	27.0114	54.4993	0.2273	21.6691	0.1650	21.8341	5.7961	0.1532	5.9493		23,279.9624	23,279.9624	1.0855		23,307.1000
Unmitigated	6.0207	30.7836	71.4647	0.3147	30.9558	0.2239	31.1797	8.2802	0.2079	8.4881		32,206.8577	32,206.8577	1.4109		32,242.1290

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 and MM-AQ-9

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2027 - MM-AQ-8 and MM-AQ-9 - South Coast AQMD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	30.00	217.00
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tblConstructionPhase	NumDays	10.00	66.00
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tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
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tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
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tblFireplaces	FireplaceWoodMass	1,019.20	0.00
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tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
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tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
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tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	39,286.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00

tblVehicleTrips	HW_TTP	40.20	40.00
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tblVehicleTrips	PR_TP	37.00	80.00
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tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
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tblVehicleTrips	SU_TR	13.60	2.40
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tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
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tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00

tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6442	62.8960	44.4562	0.1012	10.1869	2.6571	12.8440	4.1460	2.4729	6.6189	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	13.4682	113.0093	106.8310	0.3332	15.1381	3.7338	18.8718	3.8993	3.5523	7.4467	0.0000	33,143.0908	33,143.0908	3.5205	0.0000	33,231.1040
2023	35.0324	204.4107	169.8900	0.6948	30.8363	6.1584	36.9947	9.6972	5.8565	15.5536	0.0000	69,960.6835	69,960.6835	7.7561	0.0000	70,154.5873
2024	23.0354	90.1500	93.5328	0.3174	14.8112	2.9629	17.7741	3.9731	2.7925	6.7656	0.0000	31,741.8151	31,741.8151	3.4135	0.0000	31,827.1530
2025	26.6925	121.3578	127.1562	0.3944	15.4595	4.2208	19.6803	4.1451	3.9705	8.1156	0.0000	39,056.4316	39,056.4316	5.2430	0.0000	39,187.5068
2026	14.4537	22.5035	17.1454	0.0580	2.1349	0.9565	3.0915	0.5662	0.8800	1.4462	0.0000	5,671.3744	5,671.3744	1.3007	0.0000	5,703.8907
Maximum	**35.0324**	**204.4107**	**169.8900**	**0.6948**	**30.8363**	**6.1584**	**36.9947**	**9.6972**	**5.8565**	**15.5536**	**0.0000**	**69,960.6835**	**69,960.6835**	**7.7561**	**0.0000**	**70,154.5873**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3547	7.8167	45.1001	0.1012	5.2779	0.1851	5.4629	2.0494	0.1791	2.2285	0.0000	9,701.5667	9,701.5667	2.3349	0.0000	9,759.9391
2022	5.9218	37.8470	96.0765	0.3332	11.4434	0.2911	11.7345	3.0634	0.2799	3.3433	0.0000	29,720.2549	29,720.2549	2.4135	0.0000	29,780.5927
2023	20.1540	68.4272	137.5913	0.6948	21.7251	0.4292	22.1543	6.5905	0.4141	7.0046	0.0000	62,626.1809	62,626.1809	5.3840	0.0000	62,760.7815
2024	16.8151	25.8553	72.7820	0.3174	11.6700	0.1821	11.8521	3.2021	0.1740	3.3761	0.0000	24,407.4688	24,407.4688	1.0414	0.0000	24,433.5047
2025	17.4043	28.2851	104.2814	0.3944	12.1774	0.2699	12.4473	3.3395	0.2612	3.6006	0.0000	30,045.3585	30,045.3585	2.3286	0.0000	30,103.5746
2026	12.2641	0.3279	4.9902	0.0580	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651	0.0000	1,759.5908	1,759.5908	0.0355	0.0000	1,760.4783
Maximum	**20.1540**	**68.4272**	**137.5913**	**0.6948**	**21.7251**	**0.4292**	**22.1543**	**6.5905**	**0.4141**	**7.0046**	**0.0000**	**62,626.1809**	**62,626.1809**	**5.3840**	**0.0000**	**62,760.7815**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**38.06**	**72.56**	**17.56**	**0.00**	**27.78**	**93.37**	**40.20**	**29.25**	**93.23**	**56.43**	**0.00**	**16.39**	**16.39**	**42.56**	**0.00**	**16.47**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791
Total	**37.5045**	**40.0946**	**111.9013**	**0.3919**	**30.9558**	**1.1281**	**32.0840**	**8.2802**	**1.1122**	**9.3924**	**0.0000**	**45,642.3599**	**45,642.3599**	**1.6772**	**0.2128**	**45,747.7033**

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	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Energy	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
Mobile	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Total	**36.7866**	**36.5309**	**92.8487**	**0.3000**	**21.6691**	**1.0693**	**22.7383**	**5.7961**	**1.0575**	**6.8536**	**0.0000**	**36,267.0312**	**36,267.0312**	**1.3436**	**0.2128**	**36,364.0352**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.91**	**8.89**	**17.03**	**23.45**	**30.00**	**5.22**	**29.13**	**30.00**	**4.92**	**27.03**	**0.00**	**20.54**	**20.54**	**19.89**	**0.00**	**20.51**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
4	Grading	Grading	1/2/2023	10/31/2023	5	217	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	39,286.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**1.4673**	**1.4948**	**2.9622**	**0.2222**	**1.4032**	**1.6254**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	1.2730	0.0104	1.2835	0.3192	9.9800e-003	0.3292		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.9996**	**0.0158**	**2.0154**	**0.5119**	**0.0149**	**0.5268**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.6603**	**0.0840**	**0.7443**	**0.1000**	**0.0815**	**0.1815**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	2.8805	0.6648	9.7500e-003	0.9692	0.0104	0.9796	0.2447	9.9800e-003	0.2546		1,055.8131	1,055.8131	0.0648		1,057.4318
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	0.2744	0.1780	2.4487	7.2200e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		719.8122	719.8122	0.0194		720.2961
Total	**0.3635**	**3.0584**	**3.1135**	**0.0170**	**1.5378**	**0.0158**	**1.5536**	**0.3986**	**0.0149**	**0.4135**		**1,775.6252**	**1,775.6252**	**0.0841**		**1,777.7279**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.4673	0.0000	1.4673	0.2222	0.0000	0.2222			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**1.4673**	**1.2799**	**2.7472**	**0.2222**	**1.2053**	**1.4275**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2679	8.9800e-003	0.2769	0.0725	8.5900e-003	0.0811		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.9945**	**0.0142**	**1.0087**	**0.2652**	**0.0134**	**0.2786**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

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					0.6603	0.0000	0.6603	0.1000	0.0000	0.1000			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.6603**	**0.0785**	**0.7388**	**0.1000**	**0.0764**	**0.1764**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0847	2.6374	0.6585	9.6200e-003	0.2153	8.9800e-003	0.2243	0.0596	8.5900e-003	0.0682		1,043.1393	1,043.1393	0.0640		1,044.7389
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	0.2574	0.1607	2.2643	6.9600e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		694.0206	694.0206	0.0175		694.4579
Total	**0.3420**	**2.7981**	**2.9228**	**0.0166**	**0.7840**	**0.0142**	**0.7982**	**0.2135**	**0.0134**	**0.2269**		**1,737.1598**	**1,737.1598**	**0.0815**		**1,739.1968**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.4 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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.9904	0.0518	2.0422	0.5730	0.0495	0.6225		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	10.6858	0.0764	10.7622	2.8339	0.0704	2.9043		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**12.6763**	**0.1282**	**12.8044**	**3.4070**	**0.1199**	**3.5268**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8115	28.1558	6.6522	0.0786	1.6358	0.0518	1.6876	0.4860	0.0495	0.5355		8,398.8388	8,398.8388	0.4934		8,411.1740
Worker	3.7853	2.3642	33.3026	0.1024	8.3633	0.0764	8.4398	2.2639	0.0704	2.3342		10,207.4408	10,207.4408	0.2573		10,213.8733
Total	**4.5969**	**30.5200**	**39.9548**	**0.1810**	**9.9991**	**0.1282**	**10.1273**	**2.7499**	**0.1199**	**2.8697**		**18,606.2795**	**18,606.2795**	**0.7507**		**18,625.0472**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.9904	0.0239	2.0144	0.5730	0.0229	0.5959		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	10.6858	0.0744	10.7603	2.8339	0.0685	2.9025		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**12.6763**	**0.0984**	**12.7746**	**3.4070**	**0.0914**	**3.4984**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6055	21.2859	5.9935	0.0761	1.6358	0.0239	1.6597	0.4860	0.0229	0.5089		8,144.0860	8,144.0860	0.4303		8,154.8422
Worker	3.5591	2.1392	30.7541	0.0986	8.3633	0.0744	8.4378	2.2639	0.0685	2.3324		9,827.0124	9,827.0124	0.2321		9,832.8138
Total	**4.1645**	**23.4251**	**36.7477**	**0.1747**	**9.9991**	**0.0984**	**10.0975**	**2.7498**	**0.0914**	**2.8412**		**17,971.0984**	**17,971.0984**	**0.6623**		**17,987.6559**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.9904	0.0237	2.0141	0.5730	0.0226	0.5957		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	10.6858	0.0734	10.7593	2.8339	0.0676	2.9015		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**12.6763**	**0.0971**	**12.7734**	**3.4070**	**0.0902**	**3.4972**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5927	21.2331	5.8210	0.0758	1.6358	0.0237	1.6595	0.4860	0.0226	0.5086		8,114.5585	8,114.5585	0.4236		8,125.1474
Worker	3.3683	1.9495	28.7282	0.0953	8.3633	0.0734	8.4368	2.2639	0.0676	2.3315		9,504.6375	9,504.6375	0.2127		9,509.9557
Total	**3.9611**	**23.1826**	**34.5492**	**0.1711**	**9.9991**	**0.0971**	**10.0962**	**2.7498**	**0.0902**	**2.8401**		**17,619.1959**	**17,619.1959**	**0.6363**		**17,635.1031**

3.4 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.9904	0.0233	2.0138	0.5730	0.0223	0.5953		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	10.6858	0.0720	10.7579	2.8339	0.0663	2.9002		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**12.6763**	**0.0954**	**12.7716**	**3.4070**	**0.0886**	**3.4956**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5777	21.0480	5.6673	0.0753	1.6358	0.0233	1.6591	0.4860	0.0223	0.5083		8,068.4327	8,068.4327	0.4168		8,078.8533
Worker	3.1991	1.7828	26.7025	0.0916	8.3633	0.0720	8.4354	2.2639	0.0663	2.3302		9,130.4727	9,130.4727	0.1939		9,135.3204
Total	**3.7768**	**22.8308**	**32.3697**	**0.1669**	**9.9991**	**0.0954**	**10.0945**	**2.7498**	**0.0886**	**2.8384**		**17,198.9054**	**17,198.9054**	**0.6107**		**17,214.1737**

3.5 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.1816	70.5582	51.5344	0.1342		2.7731	2.7731		2.6625	2.6625		12,049.0630	12,049.0630	2.8435		12,120.1495
Total	**9.1816**	**70.5582**	**51.5344**	**0.1342**	**7.9435**	**2.7731**	**10.7166**	**3.5321**	**2.6625**	**6.1945**		**12,049.0630**	**12,049.0630**	**2.8435**		**12,120.1495**

3.5 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3004	37.4536	14.0704	0.2155	5.5331	0.0864	5.6195	1.5161	0.0826	1.5987		23,409.9912	23,409.9912	1.4063		23,445.1497
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	0.8488	0.5102	7.3347	0.0235	2.5485	0.0178	2.5663	0.6759	0.0163	0.6922		2,343.6808	2,343.6808	0.0553		2,345.0644
Total	**2.1492**	**37.9638**	**21.4051**	**0.2390**	**8.0816**	**0.1041**	**8.1857**	**2.1920**	**0.0990**	**2.2909**		**25,753.6720**	**25,753.6720**	**1.4617**		**25,790.2141**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9481	4.3276	40.8010	0.1342		0.1416	0.1416		0.1398	0.1398	0.0000	12,049.0630	12,049.0630	2.8435		12,120.1495
Total	**0.9481**	**4.3276**	**40.8010**	**0.1342**	**3.5746**	**0.1416**	**3.7162**	**1.5894**	**0.1398**	**1.7292**	**0.0000**	**12,049.0630**	**12,049.0630**	**2.8435**		**12,120.1495**

3.5 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3004	37.4536	14.0704	0.2155	4.4859	0.0864	4.5723	1.2590	0.0826	1.3417		23,409.9912	23,409.9912	1.4063		23,445.1497
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	0.8488	0.5102	7.3347	0.0235	1.9946	0.0178	2.0124	0.5399	0.0163	0.5563		2,343.6808	2,343.6808	0.0553		2,345.0644
Total	**2.1492**	**37.9638**	**21.4051**	**0.2390**	**6.4805**	**0.1041**	**6.5847**	**1.7990**	**0.0990**	**1.8979**		**25,753.6720**	**25,753.6720**	**1.4617**		**25,790.2141**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.1141**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	2.1349	0.0149	2.1498	0.5662	0.0137	0.5799		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**2.1349**	**0.0149**	**2.1498**	**0.5662**	**0.0137**	**0.5799**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7111	0.4274	6.1444	0.0197	1.6709	0.0149	1.6858	0.4523	0.0137	0.4660		1,963.3466	1,963.3466	0.0464		1,964.5057
Total	**0.7111**	**0.4274**	**6.1444**	**0.0197**	**1.6709**	**0.0149**	**1.6858**	**0.4523**	**0.0137**	**0.4660**		**1,963.3466**	**1,963.3466**	**0.0464**		**1,964.5057**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**13.9764**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	2.1349	0.0147	2.1496	0.5662	0.0135	0.5797		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**2.1349**	**0.0147**	**2.1496**	**0.5662**	**0.0135**	**0.5797**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6730	0.3895	5.7396	0.0191	1.6709	0.0147	1.6856	0.4523	0.0135	0.4658		1,898.9391	1,898.9391	0.0425		1,900.0016
Total	**0.6730**	**0.3895**	**5.7396**	**0.0191**	**1.6709**	**0.0147**	**1.6856**	**0.4523**	**0.0135**	**0.4658**		**1,898.9391**	**1,898.9391**	**0.0425**		**1,900.0016**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	2.1349	0.0144	2.1493	0.5662	0.0132	0.5794		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**2.1349**	**0.0144**	**2.1493**	**0.5662**	**0.0132**	**0.5794**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6392	0.3562	5.3349	0.0183	1.6709	0.0144	1.6853	0.4523	0.0132	0.4655		1,824.1844	1,824.1844	0.0387		1,825.1529
Total	**0.6392**	**0.3562**	**5.3349**	**0.0183**	**1.6709**	**0.0144**	**1.6853**	**0.4523**	**0.0132**	**0.4655**		**1,824.1844**	**1,824.1844**	**0.0387**		**1,825.1529**

3.6 Architectural Coating - 2026

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**13.8438**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	2.1349	0.0139	2.1489	0.5662	0.0128	0.5790		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**2.1349**	**0.0139**	**2.1489**	**0.5662**	**0.0128**	**0.5790**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

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	11.6542					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.6542**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6099	0.3279	4.9902	0.0176	1.6709	0.0139	1.6848	0.4523	0.0128	0.4651		1,759.5908	1,759.5908	0.0355		1,760.4783
Total	**0.6099**	**0.3279**	**4.9902**	**0.0176**	**1.6709**	**0.0139**	**1.6848**	**0.4523**	**0.0128**	**0.4651**		**1,759.5908**	**1,759.5908**	**0.0355**		**1,760.4783**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.6637	26.9124	56.9741	0.2403	21.6691	0.1641	21.8331	5.7961	0.1523	5.9484		24,604.4319	24,604.4319	1.0672		24,631.1109
Unmitigated	6.3817	30.4761	76.0267	0.3322	30.9558	0.2229	31.1788	8.2802	0.2070	8.4872		33,979.7606	33,979.7606	1.4007		34,014.7791

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Enclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
High Turnover (Sit Down Restaurant)	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209
NaturalGas Unmitigated	0.4176	3.7412	2.7857	0.0228		0.2885	0.2885		0.2885	0.2885		4,555.3507	4,555.3507	0.0873	0.0835	4,582.4209

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					
City Park	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
Condo/Townhouse High Rise	9343.2	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6339.89	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15805.8	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	810.988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6302.59	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	118.031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	9.3432	0.1008	0.8610	0.3664	5.5000e-003		0.0696	0.0696		0.0696	0.0696		1,099.1999	1,099.1999	0.0211	0.0202	1,105.7319
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	6.33989	0.0684	0.6216	0.5221	3.7300e-003		0.0472	0.0472		0.0472	0.0472		745.8699	745.8699	0.0143	0.0137	750.3022
Hotel	15.8058	0.1705	1.5496	1.3017	9.3000e-003		0.1178	0.1178		0.1178	0.1178		1,859.5031	1,859.5031	0.0356	0.0341	1,870.5532
Office Park	0.810988	8.7500e-003	0.0795	0.0668	4.8000e-004		6.0400e-003	6.0400e-003		6.0400e-003	6.0400e-003		95.4103	95.4103	1.8300e-003	1.7500e-003	95.9773
Quality Restaurant	6.30259	0.0680	0.6179	0.5190	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.4815	741.4815	0.0142	0.0136	745.8878
Recreational Swimming Pool	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
Regional Shopping Center	0.118031	1.2700e-003	0.0116	9.7200e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004		13.8860	13.8860	2.7000e-004	2.5000e-004	13.9685
Total		**0.4176**	**3.7412**	**2.7857**	**0.0228**		**0.2885**	**0.2885**		**0.2885**	**0.2885**		**4,555.3507**	**4,555.3507**	**0.0873**	**0.0835**	**4,582.4209**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034
Unmitigated	30.7053	5.8774	33.0889	0.0369		0.6167	0.6167		0.6167	0.6167	0.0000	7,107.2486	7,107.2486	0.1891	0.1293	7,150.5034

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	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.8955					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.6464	5.5239	2.3506	0.0353		0.4466	0.4466		0.4466	0.4466	0.0000	7,051.7647	7,051.7647	0.1352	0.1293	7,093.6698
Landscaping	0.9379	0.3535	30.7383	1.6300e-003		0.1701	0.1701		0.1701	0.1701		55.4839	55.4839	0.0540		56.8335
Total	**30.7053**	**5.8774**	**33.0889**	**0.0369**		**0.6167**	**0.6167**		**0.6167**	**0.6167**	**0.0000**	**7,107.2486**	**7,107.2486**	**0.1892**	**0.1293**	**7,150.5034**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Specific Plans - 2027

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.34	1000sqft	0.00	25,340.00	0
Unenclosed Parking with Elevator	3,323.00	Space	0.00	1,329,200.00	0
City Park	3.28	Acre	0.00	142,876.80	0
Health Club	7.37	1000sqft	0.00	7,370.00	0
Hotel	134.00	Room	17.40	194,568.00	0
Quality Restaurant	21.53	1000sqft	0.00	21,529.00	0
Recreational Swimming Pool	5.68	1000sqft	0.00	5,680.00	0
Condo/Townhouse High Rise	303.00	Dwelling Unit	0.00	1,068,676.00	867
Regional Shopping Center	8.37	1000sqft	0.00	8,365.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P and 2008/2016 EIRs. All lot acreage allocated to hotel land uses. Office Park is proxy for meeting rooms.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on Existing Specific Plans EIRs

Grading - Based on Existing Specific Plans EIRs

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip generation from F&P memo - all allocated to residential because nonres trips would be offset by decrease in nonres uses

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - Adjusted to account for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

One Beverly Hilton - Existing Specific Plans - 2027 - South Coast AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	10.00	66.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	20.00	261.00
tblEnergyUse	NT24E	5.75	4.03
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	2.25	1.55
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	257.55	272.70
tblFireplaces	NumberWood	15.15	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	21,530.00	21,529.00
tblLandUse	LandUseSquareFeet	303,000.00	1,068,676.00
tblLandUse	LandUseSquareFeet	8,370.00	8,365.00
tblLandUse	LotAcreage	0.58	0.00
tblLandUse	LotAcreage	29.91	0.00
tblLandUse	LotAcreage	3.28	0.00

tblLandUse	LotAcreage	0.17	0.00
tblLandUse	LotAcreage	4.47	17.40
tblLandUse	LotAcreage	0.49	0.00
tblLandUse	LotAcreage	0.13	0.00
tblLandUse	LotAcreage	4.73	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	929.00	1,062.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	90,642.00
tblVehicleTrips	ST_TR	22.75	0.00
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tblVehicleTrips	ST_TR	49.97	0.00
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tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
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tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
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tblWoodstoves	NumberNoncatalytic	15.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.6271	61.3582	43.7976	0.0952	8.6780	2.6514	11.3293	3.8479	2.4674	6.3153	0.0000	9,057.3344	9,057.3344	2.2984	0.0000	9,114.7951
2022	28.9422	332.9262	199.7537	0.9883	37.3341	7.2343	44.5685	11.4105	6.9019	18.3125	0.0000	101,538.9682	101,538.9682	9.9502	0.0000	101,787.7241
2023	24.2869	96.3646	93.3726	0.3118	14.6819	3.2816	17.9635	3.9397	3.0956	7.0353	0.0000	31,168.6436	31,168.6436	3.4653	0.0000	31,255.2765
2024	23.6131	90.6125	90.1600	0.3079	14.6819	2.9633	17.6452	3.9397	2.7929	6.7326	0.0000	30,782.8472	30,782.8472	3.4284	0.0000	30,868.5574
2025	27.2840	121.8110	123.8489	0.3849	15.3302	4.2211	19.5513	4.1117	3.9708	8.0824	0.0000	38,097.6636	38,097.6636	5.2578	0.0000	38,229.1074
2026	14.6932	22.5302	16.5577	0.0567	2.1126	0.9564	3.0690	0.5603	0.8799	1.4402	0.0000	5,539.7110	5,539.7110	1.2978	0.0000	5,572.1547
Maximum	**28.9422**	**332.9262**	**199.7537**	**0.9883**	**37.3341**	**7.2343**	**44.5685**	**11.4105**	**6.9019**	**18.3125**	**0.0000**	**101,538.9682**	**101,538.9682**	**9.9502**	**0.0000**	**101,787.7241**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3376	6.2789	44.4414	0.0952	4.3806	0.1794	4.5599	1.8597	0.1736	2.0333	0.0000	9,057.3344	9,057.3344	2.2984	0.0000	9,114.7951
2022	12.8506	187.1119	177.4929	0.9883	26.7985	0.9392	27.7378	7.9884	0.9036	8.8920	0.0000	98,116.1323	98,116.1323	8.8432	0.0000	98,337.2128
2023	17.6421	26.6118	71.8072	0.3118	11.5704	0.1840	11.7543	3.1760	0.1758	3.3518	0.0000	23,834.1410	23,834.1410	1.0932	0.0000	23,861.4708
2024	17.3928	26.3179	69.4092	0.3079	11.5704	0.1824	11.7528	3.1760	0.1744	3.3504	0.0000	23,448.5008	23,448.5008	1.0563	0.0000	23,474.9091
2025	17.9958	28.7383	100.9741	0.3849	12.0778	0.2702	12.3479	3.3133	0.2615	3.5748	0.0000	29,086.5905	29,086.5905	2.3434	0.0000	29,145.1752
2026	12.5036	0.3547	4.4025	0.0567	1.6534	0.0138	1.6672	0.4476	0.0127	0.4602	0.0000	1,627.9274	1,627.9274	0.0326	0.0000	1,628.7423
Maximum	**17.9958**	**187.1119**	**177.4929**	**0.9883**	**26.7985**	**0.9392**	**27.7378**	**7.9884**	**0.9036**	**8.8920**	**0.0000**	**98,116.1323**	**98,116.1323**	**8.8432**	**0.0000**	**98,337.2128**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**36.45**	**62.04**	**17.44**	**0.00**	**26.68**	**91.70**	**38.82**	**28.22**	**91.54**	**54.79**	**0.00**	**14.35**	**14.35**	**39.03**	**0.00**	**14.42**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Energy	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
Mobile	3.3927	17.4268	43.9694	0.1991	19.8753	0.1402	20.0155	5.3163	0.1302	5.4465		20,363.8928	20,363.8928	0.8639		20,385.4913
Total	**34.0736**	**25.6403**	**73.7907**	**0.2499**	**19.8753**	**0.9075**	**20.7828**	**5.3163**	**0.8975**	**6.2138**	**0.0000**	**30,317.1992**	**30,317.1992**	**1.0990**	**0.1816**	**30,398.8011**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Energy	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
Mobile	2.9426	15.0049	33.0768	0.1429	13.9127	0.1024	14.0151	3.7214	0.0951	3.8165		14,632.3549	14,632.3549	0.6551		14,648.7313
Total	**33.6236**	**23.2184**	**62.8981**	**0.1938**	**13.9127**	**0.8697**	**14.7824**	**3.7214**	**0.8624**	**4.5838**	**0.0000**	**24,585.6614**	**24,585.6614**	**0.8901**	**0.1816**	**24,662.0410**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.32**	**9.45**	**14.76**	**22.46**	**30.00**	**4.16**	**28.87**	**30.00**	**3.91**	**26.23**	**0.00**	**18.91**	**18.91**	**19.01**	**0.00**	**18.87**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,164,069; Residential Outdoor: 721,356; Non-Residential Indoor: 385,758; Non-Residential Outdoor: 128,586; Striped Parking Area: 79,752 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	1,062.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	90,642.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	943.00	317.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	189.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6595	0.0000	0.6595	0.0999	0.0000	0.0999			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**0.6595**	**1.4948**	**2.1543**	**0.0999**	**1.4032**	**1.5031**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3219	0.3116	4.3300e-003	0.5719	4.7300e-003	0.5766	0.1434	4.5200e-003	0.1479		468.9691	468.9691	0.0299		469.7166
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	0.2998	0.1948	2.2005	6.7500e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		673.1841	673.1841	0.0180		673.6352
Total	**0.3405**	**1.5167**	**2.5122**	**0.0111**	**1.2984**	**0.0101**	**1.3085**	**0.3361**	**9.4500e-003**	**0.3456**		**1,142.1533**	**1,142.1533**	**0.0479**		**1,143.3518**

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					0.2968	0.0000	0.2968	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.2968**	**0.0840**	**0.3808**	**0.0449**	**0.0815**	**0.1265**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0407	1.3219	0.3116	4.3300e-003	0.4354	4.7300e-003	0.4401	0.1099	4.5200e-003	0.1144		468.9691	468.9691	0.0299		469.7166
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	0.2998	0.1948	2.2005	6.7500e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		673.1841	673.1841	0.0180		673.6352
Total	**0.3405**	**1.5167**	**2.5122**	**0.0111**	**1.0040**	**0.0101**	**1.0141**	**0.2638**	**9.4500e-003**	**0.2733**		**1,142.1533**	**1,142.1533**	**0.0479**		**1,143.3518**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6595	0.0000	0.6595	0.0999	0.0000	0.0999			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**0.6595**	**1.2799**	**1.9394**	**0.0999**	**1.2053**	**1.3051**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0387	1.2091	0.3082	4.2700e-003	0.1204	4.0700e-003	0.1244	0.0326	3.9000e-003	0.0365		463.2939	463.2939	0.0295		464.0318
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	0.2819	0.1759	2.0311	6.5100e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		649.0487	649.0487	0.0163		649.4561
Total	**0.3206**	**1.3850**	**2.3393**	**0.0108**	**0.8469**	**9.2700e-003**	**0.8562**	**0.2253**	**8.6800e-003**	**0.2340**		**1,112.3426**	**1,112.3426**	**0.0458**		**1,113.4878**

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					0.2968	0.0000	0.2968	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.2968**	**0.0785**	**0.3753**	**0.0449**	**0.0764**	**0.1214**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0387	1.2091	0.3082	4.2700e-003	0.0967	4.0700e-003	0.1008	0.0268	3.9000e-003	0.0307		463.2939	463.2939	0.0295		464.0318
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	0.2819	0.1759	2.0311	6.5100e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		649.0487	649.0487	0.0163		649.4561
Total	**0.3206**	**1.3850**	**2.3393**	**0.0108**	**0.6654**	**9.2700e-003**	**0.6746**	**0.1807**	**8.6800e-003**	**0.1894**		**1,112.3426**	**1,112.3426**	**0.0458**		**1,113.4878**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.0692**	**0.0450**	**0.5078**	**1.5600e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**155.3502**	**155.3502**	**4.1600e-003**		**155.4543**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0651	0.0406	0.4687	1.5000e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		149.7805	149.7805	3.7600e-003		149.8745
Total	**0.0651**	**0.0406**	**0.4687**	**1.5000e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**149.7805**	**149.7805**	**3.7600e-003**		**149.8745**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6449	145.0483	36.9719	0.5127	12.7663	0.4885	13.2549	3.4980	0.4674	3.9654		55,577.8366	55,577.8366	3.5407		55,666.3549
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	0.9889	0.6171	7.1244	0.0228	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**5.6338**	**145.6654**	**44.0963**	**0.5356**	**15.3148**	**0.5067**	**15.8216**	**4.1739**	**0.4842**	**4.6580**		**57,854.4999**	**57,854.4999**	**3.5979**		**57,944.4469**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6449	145.0483	36.9719	0.5127	10.3502	0.4885	10.8388	2.9050	0.4674	3.3723		55,577.8366	55,577.8366	3.5407		55,666.3549
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	0.9889	0.6171	7.1244	0.0228	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,276.6633	2,276.6633	0.0572		2,278.0920
Total	**5.6338**	**145.6654**	**44.0963**	**0.5356**	**12.3448**	**0.5067**	**12.8516**	**3.4449**	**0.4842**	**3.9290**		**57,854.4999**	**57,854.4999**	**3.5979**		**57,944.4469**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8711	28.5844	7.5919	0.0778	2.0288	0.0545	2.0833	0.5841	0.0521	0.6362		8,311.5569	8,311.5569	0.5398		8,325.0516
Worker	4.0901	2.5521	29.4663	0.0945	10.5405	0.0754	10.6159	2.7954	0.0694	2.8648		9,416.1994	9,416.1994	0.2364		9,422.1085
Total	**4.9611**	**31.1365**	**37.0582**	**0.1723**	**12.5694**	**0.1299**	**12.6992**	**3.3795**	**0.1215**	**3.5010**		**17,727.7563**	**17,727.7563**	**0.7762**		**17,747.1601**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8711	28.5844	7.5919	0.0778	1.6674	0.0545	1.7218	0.4954	0.0521	0.5475		8,311.5569	8,311.5569	0.5398		8,325.0516
Worker	4.0901	2.5521	29.4663	0.0945	8.2496	0.0754	8.3250	2.2331	0.0694	2.3025		9,416.1994	9,416.1994	0.2364		9,422.1085
Total	**4.9611**	**31.1365**	**37.0582**	**0.1723**	**9.9170**	**0.1299**	**10.0468**	**2.7284**	**0.1215**	**2.8500**		**17,727.7563**	**17,727.7563**	**0.7762**		**17,747.1601**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6501	21.5575	6.7131	0.0754	2.0288	0.0256	2.0544	0.5841	0.0245	0.6085		8,063.2645	8,063.2645	0.4673		8,074.9480
Worker	3.8574	2.3084	27.1579	0.0909	10.5405	0.0734	10.6139	2.7954	0.0676	2.8630		9,065.0253	9,065.0253	0.2130		9,070.3492
Total	**4.5076**	**23.8658**	**33.8710**	**0.1663**	**12.5693**	**0.0990**	**12.6683**	**3.3795**	**0.0920**	**3.4715**		**17,128.2899**	**17,128.2899**	**0.6803**		**17,145.2972**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6501	21.5575	6.7131	0.0754	1.6673	0.0256	1.6929	0.4954	0.0245	0.5198		8,063.2645	8,063.2645	0.4673		8,074.9480
Worker	3.8574	2.3084	27.1579	0.0909	8.2496	0.0734	8.3230	2.2331	0.0676	2.3007		9,065.0253	9,065.0253	0.2130		9,070.3492
Total	**4.5076**	**23.8658**	**33.8710**	**0.1663**	**9.9170**	**0.0990**	**10.0159**	**2.7284**	**0.0920**	**2.8205**		**17,128.2899**	**17,128.2899**	**0.6803**		**17,145.2972**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6361	21.5104	6.5206	0.0751	2.0288	0.0252	2.0540	0.5841	0.0241	0.6082		8,035.8401	8,035.8401	0.4596		8,047.3308
Worker	3.6615	2.1028	25.3206	0.0879	10.5405	0.0724	10.6130	2.7954	0.0667	2.8621		8,766.3404	8,766.3404	0.1950		8,771.2147
Total	**4.2976**	**23.6132**	**31.8411**	**0.1630**	**12.5693**	**0.0977**	**12.6670**	**3.3795**	**0.0908**	**3.4702**		**16,802.1805**	**16,802.1805**	**0.6546**		**16,818.5456**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6361	21.5104	6.5206	0.0751	1.6673	0.0252	1.6926	0.4954	0.0241	0.5194		8,035.8401	8,035.8401	0.4596		8,047.3308
Worker	3.6615	2.1028	25.3206	0.0879	8.2496	0.0724	8.3221	2.2331	0.0667	2.2998		8,766.3404	8,766.3404	0.1950		8,771.2147
Total	**4.2976**	**23.6132**	**31.8411**	**0.1630**	**9.9170**	**0.0977**	**10.0146**	**2.7284**	**0.0908**	**2.8192**		**16,802.1805**	**16,802.1805**	**0.6546**		**16,818.5456**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6198	21.3223	6.3502	0.0746	2.0288	0.0247	2.0536	0.5841	0.0237	0.6077		7,991.5212	7,991.5212	0.4519		8,002.8177
Worker	3.4879	1.9225	23.5093	0.0844	10.5405	0.0711	10.6116	2.7954	0.0654	2.8608		8,421.0229	8,421.0229	0.1776		8,425.4629
Total	**4.1077**	**23.2448**	**29.8595**	**0.1591**	**12.5693**	**0.0958**	**12.6651**	**3.3795**	**0.0890**	**3.4685**		**16,412.5441**	**16,412.5441**	**0.6295**		**16,428.2806**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6198	21.3223	6.3502	0.0746	1.6673	0.0247	1.6921	0.4954	0.0237	0.5190		7,991.5212	7,991.5212	0.4519		8,002.8177
Worker	3.4879	1.9225	23.5093	0.0844	8.2496	0.0711	8.3207	2.2331	0.0654	2.2985		8,421.0229	8,421.0229	0.1776		8,425.4629
Total	**4.1077**	**23.2448**	**29.8595**	**0.1591**	**9.9170**	**0.0958**	**10.0127**	**2.7284**	**0.0890**	**2.8175**		**16,412.5441**	**16,412.5441**	**0.6295**		**16,428.2806**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.2944**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7731	0.4627	5.4431	0.0182	2.1126	0.0147	2.1273	0.5603	0.0136	0.5738		1,816.8503	1,816.8503	0.0427		1,817.9173
Total	**0.7731**	**0.4627**	**5.4431**	**0.0182**	**2.1126**	**0.0147**	**2.1273**	**0.5603**	**0.0136**	**0.5738**		**1,816.8503**	**1,816.8503**	**0.0427**		**1,817.9173**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7731	0.4627	5.4431	0.0182	1.6534	0.0147	1.6681	0.4476	0.0136	0.4611		1,816.8503	1,816.8503	0.0427		1,817.9173
Total	**0.7731**	**0.4627**	**5.4431**	**0.0182**	**1.6534**	**0.0147**	**1.6681**	**0.4476**	**0.0136**	**0.4611**		**1,816.8503**	**1,816.8503**	**0.0427**		**1,817.9173**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**14.1567**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7339	0.4215	5.0749	0.0176	2.1126	0.0145	2.1271	0.5603	0.0134	0.5736		1,756.9866	1,756.9866	0.0391		1,757.9635
Total	**0.7339**	**0.4215**	**5.0749**	**0.0176**	**2.1126**	**0.0145**	**2.1271**	**0.5603**	**0.0134**	**0.5736**		**1,756.9866**	**1,756.9866**	**0.0391**		**1,757.9635**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7339	0.4215	5.0749	0.0176	1.6534	0.0145	1.6679	0.4476	0.0134	0.4609		1,756.9866	1,756.9866	0.0391		1,757.9635
Total	**0.7339**	**0.4215**	**5.0749**	**0.0176**	**1.6534**	**0.0145**	**1.6679**	**0.4476**	**0.0134**	**0.4609**		**1,756.9866**	**1,756.9866**	**0.0391**		**1,757.9635**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**14.0241**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6991	0.3853	4.7118	0.0169	2.1126	0.0142	2.1268	0.5603	0.0131	0.5734		1,687.7766	1,687.7766	0.0356		1,688.6665
Total	**0.6991**	**0.3853**	**4.7118**	**0.0169**	**2.1126**	**0.0142**	**2.1268**	**0.5603**	**0.0131**	**0.5734**		**1,687.7766**	**1,687.7766**	**0.0356**		**1,688.6665**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6991	0.3853	4.7118	0.0169	1.6534	0.0142	1.6677	0.4476	0.0131	0.4607		1,687.7766	1,687.7766	0.0356		1,688.6665
Total	**0.6991**	**0.3853**	**4.7118**	**0.0169**	**1.6534**	**0.0142**	**1.6677**	**0.4476**	**0.0131**	**0.4607**		**1,687.7766**	**1,687.7766**	**0.0356**		**1,688.6665**

3.6 Architectural Coating - 2026

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**14.0241**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6691	0.3547	4.4025	0.0163	2.1126	0.0138	2.1263	0.5603	0.0127	0.5729		1,627.9274	1,627.9274	0.0326		1,628.7423
Total	**0.6691**	**0.3547**	**4.4025**	**0.0163**	**2.1126**	**0.0138**	**2.1263**	**0.5603**	**0.0127**	**0.5729**		**1,627.9274**	**1,627.9274**	**0.0326**		**1,628.7423**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6691	0.3547	4.4025	0.0163	1.6534	0.0138	1.6672	0.4476	0.0127	0.4602		1,627.9274	1,627.9274	0.0326		1,628.7423
Total	**0.6691**	**0.3547**	**4.4025**	**0.0163**	**1.6534**	**0.0138**	**1.6672**	**0.4476**	**0.0127**	**0.4602**		**1,627.9274**	**1,627.9274**	**0.0326**		**1,628.7423**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2145	0.1182	1.4460	5.1900e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		517.9420	517.9420	0.0109		518.2151
Total	**0.2145**	**0.1182**	**1.4460**	**5.1900e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**517.9420**	**517.9420**	**0.0109**		**518.2151**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.9426	15.0049	33.0768	0.1429	13.9127	0.1024	14.0151	3.7214	0.0951	3.8165		14,632.3549	14,632.3549	0.6551		14,648.7313
Unmitigated	3.3927	17.4268	43.9694	0.1991	19.8753	0.1402	20.0155	5.3163	0.1302	5.4465		20,363.8928	20,363.8928	0.8639		20,385.4913

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	2,736.09	2,736.09	2736.09	9,349,635	6,544,745
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	2,736.09	2,736.09	2,736.09	9,349,635	6,544,745

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Health Club	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

One Beverly Hilton - Existing Specific Plans - 2027 - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
NaturalGas Unmitigated	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579

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					
City Park	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
Condo/Townhouse High Rise	7651.32	0.0825	0.7051	0.3001	4.5000e-003		0.0570	0.0570		0.0570	0.0570		900.1556	900.1556	0.0173	0.0165	905.5048
Health Club	365.471	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003		42.9966	42.9966	8.2000e-004	7.9000e-004	43.2521
Hotel	12782.9	0.1379	1.2532	1.0527	7.5200e-003		0.0952	0.0952		0.0952	0.0952		1,503.8648	1,503.8648	0.0288	0.0276	1,512.8016
Office Park	679.667	7.3300e-003	0.0666	0.0560	4.0000e-004		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003		79.9609	79.9609	1.5300e-003	1.4700e-003	80.4360
Quality Restaurant	13611	0.1468	1.3344	1.1209	8.0100e-003		0.1014	0.1014		0.1014	0.1014		1,601.2996	1,601.2996	0.0307	0.0294	1,610.8153
Recreational Swimming Pool	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
Regional Shopping Center	37.5852	4.1000e-004	3.6800e-003	3.1000e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		4.4218	4.4218	8.0000e-005	8.0000e-005	4.4481
Unenclosed 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
Total		**0.3788**	**3.3989**	**2.5628**	**0.0207**		**0.2617**	**0.2617**		**0.2617**	**0.2617**		**4,132.6993**	**4,132.6993**	**0.0792**	**0.0758**	**4,157.2579**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	7.65132	0.0825	0.7051	0.3001	4.5000e-003		0.0570	0.0570		0.0570	0.0570		900.1556	900.1556	0.0173	0.0165	905.5048
Health Club	0.365471	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003		42.9966	42.9966	8.2000e-004	7.9000e-004	43.2521
Hotel	12.7829	0.1379	1.2532	1.0527	7.5200e-003		0.0952	0.0952		0.0952	0.0952		1,503.8648	1,503.8648	0.0288	0.0276	1,512.8016
Office Park	0.679667	7.3300e-003	0.0666	0.0560	4.0000e-004		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003		79.9609	79.9609	1.5300e-003	1.4700e-003	80.4360
Quality Restaurant	13.611	0.1468	1.3344	1.1209	8.0100e-003		0.1014	0.1014		0.1014	0.1014		1,601.2996	1,601.2996	0.0307	0.0294	1,610.8153
Recreational Swimming Pool	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
Regional Shopping Center	0.0375852	4.1000e-004	3.6800e-003	3.1000e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		4.4218	4.4218	8.0000e-005	8.0000e-005	4.4481
Unenclosed 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
Total		**0.3788**	**3.3989**	**2.5628**	**0.0207**		**0.2617**	**0.2617**		**0.2617**	**0.2617**		**4,132.6993**	**4,132.6993**	**0.0792**	**0.0758**	**4,157.2579**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Unmitigated	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518

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	2.2599					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.7300					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5294	4.5236	1.9249	0.0289		0.3657	0.3657		0.3657	0.3657	0.0000	5,774.8235	5,774.8235	0.1107	0.1059	5,809.1404
Landscaping	0.7829	0.2909	25.3335	1.3500e-003		0.1399	0.1399		0.1399	0.1399		45.7836	45.7836	0.0451		46.9114
Total	**30.3021**	**4.8145**	**27.2585**	**0.0302**		**0.5056**	**0.5056**		**0.5056**	**0.5056**	**0.0000**	**5,820.6071**	**5,820.6071**	**0.1558**	**0.1059**	**5,856.0518**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2599					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.7300					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5294	4.5236	1.9249	0.0289		0.3657	0.3657		0.3657	0.3657	0.0000	5,774.8235	5,774.8235	0.1107	0.1059	5,809.1404
Landscaping	0.7829	0.2909	25.3335	1.3500e-003		0.1399	0.1399		0.1399	0.1399		45.7836	45.7836	0.0451		46.9114
Total	**30.3021**	**4.8145**	**27.2585**	**0.0302**		**0.5056**	**0.5056**		**0.5056**	**0.5056**	**0.0000**	**5,820.6071**	**5,820.6071**	**0.1558**	**0.1059**	**5,856.0518**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Specific Plans - 2027

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.34	1000sqft	0.00	25,340.00	0
Unenclosed Parking with Elevator	3,323.00	Space	0.00	1,329,200.00	0
City Park	3.28	Acre	0.00	142,876.80	0
Health Club	7.37	1000sqft	0.00	7,370.00	0
Hotel	134.00	Room	17.40	194,568.00	0
Quality Restaurant	21.53	1000sqft	0.00	21,529.00	0
Recreational Swimming Pool	5.68	1000sqft	0.00	5,680.00	0
Condo/Townhouse High Rise	303.00	Dwelling Unit	0.00	1,068,676.00	867
Regional Shopping Center	8.37	1000sqft	0.00	8,365.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P and 2008/2016 EIRs. All lot acreage allocated to hotel land uses. Office Park is proxy for meeting rooms.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on Existing Specific Plans EIRs

Grading - Based on Existing Specific Plans EIRs

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip generation from F&P memo - all allocated to residential because nonres trips would be offset by decrease in nonres uses

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - Adjusted to account for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

One Beverly Hilton - Existing Specific Plans - 2027 - South Coast AQMD Air District, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	10.00	66.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	20.00	261.00
tblEnergyUse	NT24E	5.75	4.03
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	2.25	1.55
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	257.55	272.70
tblFireplaces	NumberWood	15.15	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	21,530.00	21,529.00
tblLandUse	LandUseSquareFeet	303,000.00	1,068,676.00
tblLandUse	LandUseSquareFeet	8,370.00	8,365.00
tblLandUse	LotAcreage	0.58	0.00
tblLandUse	LotAcreage	29.91	0.00
tblLandUse	LotAcreage	3.28	0.00

tblLandUse	LotAcreage	0.17	0.00
tblLandUse	LotAcreage	4.47	17.40
tblLandUse	LotAcreage	0.49	0.00
tblLandUse	LotAcreage	0.13	0.00
tblLandUse	LotAcreage	4.73	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	929.00	1,062.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	90,642.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	4.31	9.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.10	0.00

tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	3.43	9.03
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	4.18	9.03
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	8.17	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00

tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	15.15	0.00
tblWoodstoves	NumberNoncatalytic	15.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	6.5952	61.3096	44.0901	0.0958	8.6780	2.6513	11.3293	3.8479	2.4674	6.3153	0.0000	9,120.0656	9,120.0656	2.2992	0.0000	9,177.5465
2022	28.3489	329.8116	201.8807	1.0052	37.3341	7.2281	44.5622	11.4105	6.8959	18.3065	0.0000	103,287.5074	103,287.5074	9.8429	0.0000	103,533.5807
2023	23.8377	96.2657	96.5837	0.3216	14.6819	3.2804	17.9623	3.9397	3.0944	7.0342	0.0000	32,160.8796	32,160.8796	3.4557	0.0000	32,247.2712
2024	23.1742	90.5290	93.1944	0.3174	14.6819	2.9622	17.6442	3.9397	2.7919	6.7316	0.0000	31,749.2348	31,749.2348	3.4184	0.0000	31,834.6935
2025	26.8338	121.7359	126.8466	0.3944	15.3302	4.2202	19.5504	4.1117	3.9699	8.0815	0.0000	39,068.8321	39,068.8321	5.2480	0.0000	39,200.0323
2026	14.6276	22.5001	17.0931	0.0579	2.1126	0.9564	3.0690	0.5603	0.8799	1.4402	0.0000	5,652.9494	5,652.9494	1.3003	0.0000	5,685.4564
Maximum	**28.3489**	**329.8116**	**201.8807**	**1.0052**	**37.3341**	**7.2281**	**44.5622**	**11.4105**	**6.8959**	**18.3065**	**0.0000**	**103,287.5074**	**103,287.5074**	**9.8429**	**0.0000**	**103,533.5807**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3057	6.2302	44.7339	0.0958	4.3806	0.1793	4.5599	1.8597	0.1736	2.0333	0.0000	9,120.0656	9,120.0656	2.2992	0.0000	9,177.5465
2022	12.2573	183.9973	179.6199	1.0052	26.7985	0.9330	27.7315	7.9884	0.8976	8.8860	0.0000	99,864.6715	99,864.6715	8.7359	0.0000	100,083.0694
2023	17.1928	26.5129	75.0183	0.3216	11.5704	0.1828	11.7531	3.1760	0.1747	3.3507	0.0000	24,826.3770	24,826.3770	1.0836	0.0000	24,853.4655
2024	16.9540	26.2344	72.4436	0.3174	11.5704	0.1814	11.7517	3.1760	0.1734	3.3494	0.0000	24,414.8884	24,414.8884	1.0463	0.0000	24,441.0452
2025	17.5455	28.6632	103.9718	0.3944	12.0778	0.2692	12.3470	3.3133	0.2606	3.5739	0.0000	30,057.7590	30,057.7590	2.3337	0.0000	30,116.1001
2026	12.4380	0.3245	4.9379	0.0579	1.6534	0.0138	1.6672	0.4476	0.0127	0.4602	0.0000	1,741.1657	1,741.1657	0.0351	0.0000	1,742.0440
Maximum	**17.5455**	**183.9973**	**179.6199**	**1.0052**	**26.7985**	**0.9330**	**27.7315**	**7.9884**	**0.8976**	**8.8860**	**0.0000**	**99,864.6715**	**99,864.6715**	**8.7359**	**0.0000**	**100,083.0694**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**37.05**	**62.34**	**17.07**	**0.00**	**26.68**	**91.74**	**38.83**	**28.22**	**91.58**	**54.80**	**0.00**	**14.03**	**14.03**	**39.24**	**0.00**	**14.10**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Energy	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
Mobile	3.5853	17.1797	47.2061	0.2100	19.8753	0.1397	20.0150	5.3163	0.1297	5.4460		21,466.4833	21,466.4833	0.8623		21,488.0401
Total	**34.2663**	**25.3932**	**77.0274**	**0.2609**	**19.8753**	**0.9070**	**20.7823**	**5.3163**	**0.8971**	**6.2134**	**0.0000**	**31,419.7897**	**31,419.7897**	**1.0973**	**0.1816**	**31,501.3498**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Energy	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
Mobile	3.1243	14.8916	34.9733	0.1510	13.9127	0.1019	14.0146	3.7214	0.0946	3.8160		15,447.0276	15,447.0276	0.6481		15,463.2299
Total	**33.8053**	**23.1051**	**64.7946**	**0.2019**	**13.9127**	**0.8692**	**14.7819**	**3.7214**	**0.8619**	**4.5834**	**0.0000**	**25,400.3340**	**25,400.3340**	**0.8831**	**0.1816**	**25,476.5397**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.35**	**9.01**	**15.88**	**22.62**	**30.00**	**4.17**	**28.87**	**30.00**	**3.92**	**26.23**	**0.00**	**19.16**	**19.16**	**19.52**	**0.00**	**19.13**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,164,069; Residential Outdoor: 721,356; Non-Residential Indoor: 385,758; Non-Residential Outdoor: 128,586; Striped Parking Area: 79,752 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40

Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	1,062.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	90,642.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	943.00	317.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	189.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6595	0.0000	0.6595	0.0999	0.0000	0.0999			0.0000			0.0000
Off-Road	3.8433	34.5447	22.8970	0.0488		1.4948	1.4948		1.4032	1.4032		4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**3.8433**	**34.5447**	**22.8970**	**0.0488**	**0.6595**	**1.4948**	**2.1543**	**0.0999**	**1.4032**	**1.5031**		**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0400	1.2940	0.2986	4.3800e-003	0.5719	4.6900e-003	0.5766	0.1434	4.4800e-003	0.1479		474.3120	474.3120	0.0291		475.0392
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	0.2744	0.1780	2.4487	7.2200e-003	0.7266	5.3500e-003	0.7319	0.1927	4.9300e-003	0.1976		719.8122	719.8122	0.0194		720.2961
Total	**0.3144**	**1.4720**	**2.7474**	**0.0116**	**1.2984**	**0.0100**	**1.3085**	**0.3361**	**9.4100e-003**	**0.3455**		**1,194.1241**	**1,194.1241**	**0.0485**		**1,195.3352**

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					0.2968	0.0000	0.2968	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0488		0.0840	0.0840		0.0815	0.0815	0.0000	4,489.3187	4,489.3187	1.1886		4,519.0330
Total	**0.4640**	**2.3586**	**20.7107**	**0.0488**	**0.2968**	**0.0840**	**0.3808**	**0.0449**	**0.0815**	**0.1265**	**0.0000**	**4,489.3187**	**4,489.3187**	**1.1886**		**4,519.0330**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0400	1.2940	0.2986	4.3800e-003	0.4354	4.6900e-003	0.4401	0.1099	4.4800e-003	0.1144		474.3120	474.3120	0.0291		475.0392
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	0.2744	0.1780	2.4487	7.2200e-003	0.5686	5.3500e-003	0.5740	0.1539	4.9300e-003	0.1589		719.8122	719.8122	0.0194		720.2961
Total	**0.3144**	**1.4720**	**2.7474**	**0.0116**	**1.0040**	**0.0100**	**1.0141**	**0.2638**	**9.4100e-003**	**0.2732**		**1,194.1241**	**1,194.1241**	**0.0485**		**1,195.3352**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6595	0.0000	0.6595	0.0999	0.0000	0.0999			0.0000			0.0000
Off-Road	3.4932	30.3485	22.3235	0.0488		1.2799	1.2799		1.2053	1.2053		4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**3.4932**	**30.3485**	**22.3235**	**0.0488**	**0.6595**	**1.2799**	**1.9394**	**0.0999**	**1.2053**	**1.3051**		**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0380	1.1848	0.2958	4.3200e-003	0.1204	4.0400e-003	0.1244	0.0326	3.8600e-003	0.0364		468.6184	468.6184	0.0287		469.3370
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	0.2574	0.1607	2.2643	6.9600e-003	0.7266	5.2000e-003	0.7317	0.1927	4.7800e-003	0.1975		694.0206	694.0206	0.0175		694.4579
Total	**0.2954**	**1.3455**	**2.5601**	**0.0113**	**0.8469**	**9.2400e-003**	**0.8561**	**0.2253**	**8.6400e-003**	**0.2339**		**1,162.6390**	**1,162.6390**	**0.0462**		**1,163.7949**

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					0.2968	0.0000	0.2968	0.0449	0.0000	0.0449			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0488		0.0785	0.0785		0.0764	0.0764	0.0000	4,488.4054	4,488.4054	1.1883		4,518.1124
Total	**0.4559**	**2.2457**	**20.7057**	**0.0488**	**0.2968**	**0.0785**	**0.3753**	**0.0449**	**0.0764**	**0.1214**	**0.0000**	**4,488.4054**	**4,488.4054**	**1.1883**		**4,518.1124**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0380	1.1848	0.2958	4.3200e-003	0.0967	4.0400e-003	0.1008	0.0268	3.8600e-003	0.0306		468.6184	468.6184	0.0287		469.3370
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	0.2574	0.1607	2.2643	6.9600e-003	0.5686	5.2000e-003	0.5738	0.1539	4.7800e-003	0.1587		694.0206	694.0206	0.0175		694.4579
Total	**0.2954**	**1.3455**	**2.5601**	**0.0113**	**0.6654**	**9.2400e-003**	**0.6746**	**0.1807**	**8.6400e-003**	**0.1894**		**1,162.6390**	**1,162.6390**	**0.0462**		**1,163.7949**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.3742	25.2519	17.8806	0.0338		1.1452	1.1452		1.0536	1.0536		3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**2.3742**	**25.2519**	**17.8806**	**0.0338**	**6.5523**	**1.1452**	**7.6976**	**3.3675**	**1.0536**	**4.4211**		**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1677**	**1.2300e-003**	**0.1689**	**0.0445**	**1.1400e-003**	**0.0456**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4640	2.3586	20.7107	0.0338		0.0840	0.0840		0.0815	0.0815	0.0000	3,270.5123	3,270.5123	1.0578		3,296.9560
Total	**0.4640**	**2.3586**	**20.7107**	**0.0338**	**2.9486**	**0.0840**	**3.0326**	**1.5154**	**0.0815**	**1.5969**	**0.0000**	**3,270.5123**	**3,270.5123**	**1.0578**		**3,296.9560**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1312	1.2300e-003	0.1325	0.0355	1.1400e-003	0.0367		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.0633**	**0.0411**	**0.5651**	**1.6700e-003**	**0.1312**	**1.2300e-003**	**0.1325**	**0.0355**	**1.1400e-003**	**0.0367**		**166.1105**	**166.1105**	**4.4700e-003**		**166.2222**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.0241	21.0578	17.3071	0.0338		0.9324	0.9324		0.8578	0.8578		3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**2.0241**	**21.0578**	**17.3071**	**0.0338**	**6.5523**	**0.9324**	**7.4848**	**3.3675**	**0.8578**	**4.2253**		**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9486	0.0000	2.9486	1.5154	0.0000	1.5154			0.0000			0.0000
Off-Road	0.4559	2.2457	20.7057	0.0338		0.0785	0.0785		0.0764	0.0764	0.0000	3,269.5991	3,269.5991	1.0575		3,296.0354
Total	**0.4559**	**2.2457**	**20.7057**	**0.0338**	**2.9486**	**0.0785**	**3.0270**	**1.5154**	**0.0764**	**1.5918**	**0.0000**	**3,269.5991**	**3,269.5991**	**1.0575**		**3,296.0354**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0594	0.0371	0.5225	1.6100e-003	0.1312	1.2000e-003	0.1324	0.0355	1.1000e-003	0.0366		160.1586	160.1586	4.0400e-003		160.2595
Total	**0.0594**	**0.0371**	**0.5225**	**1.6100e-003**	**0.1312**	**1.2000e-003**	**0.1324**	**0.0355**	**1.1000e-003**	**0.0366**		**160.1586**	**160.1586**	**4.0400e-003**		**160.2595**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.9435	0.0000	7.9435	3.5321	0.0000	3.5321			0.0000			0.0000
Off-Road	9.4973	75.0481	52.3065	0.1341		2.9970	2.9970		2.8685	2.8685		12,044.7180	12,044.7180	2.8421		12,115.7694
Total	**9.4973**	**75.0481**	**52.3065**	**0.1341**	**7.9435**	**2.9970**	**10.9405**	**3.5321**	**2.8685**	**6.4005**		**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7694**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5631	142.1319	35.4879	0.5186	12.7663	0.4841	13.2504	3.4980	0.4631	3.9611		56,216.5775	56,216.5775	3.4482		56,302.7826
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	0.9028	0.5638	7.9425	0.0244	2.5485	0.0182	2.5667	0.6759	0.0168	0.6927		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**5.4658**	**142.6957**	**43.4304**	**0.5431**	**15.3148**	**0.5023**	**15.8171**	**4.1739**	**0.4799**	**4.6538**		**58,650.9881**	**58,650.9881**	**3.5096**		**58,738.7273**

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					3.5746	0.0000	3.5746	1.5894	0.0000	1.5894			0.0000			0.0000
Off-Road	0.9522	4.3961	40.8002	0.1341		0.1446	0.1446		0.1426	0.1426	0.0000	12,044.7180	12,044.7180	2.8421		12,115.7693
Total	**0.9522**	**4.3961**	**40.8002**	**0.1341**	**3.5746**	**0.1446**	**3.7192**	**1.5894**	**0.1426**	**1.7320**	**0.0000**	**12,044.7180**	**12,044.7180**	**2.8421**		**12,115.7693**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5631	142.1319	35.4879	0.5186	10.3502	0.4841	10.8343	2.9050	0.4631	3.3681		56,216.5775	56,216.5775	3.4482		56,302.7826
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	0.9028	0.5638	7.9425	0.0244	1.9946	0.0182	2.0128	0.5399	0.0168	0.5567		2,434.4106	2,434.4106	0.0614		2,435.9447
Total	**5.4658**	**142.6957**	**43.4304**	**0.5431**	**12.3448**	**0.5023**	**12.8471**	**3.4449**	**0.4799**	**3.9248**		**58,650.9881**	**58,650.9881**	**3.5096**		**58,738.7273**

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	5.0362	49.3428	41.6300	0.0868		2.3116	2.3116		2.2138	2.2138		8,311.2460	8,311.2460	1.5001		8,348.7476
Total	**5.0362**	**49.3428**	**41.6300**	**0.0868**		**2.3116**	**2.3116**		**2.2138**	**2.2138**		**8,311.2460**	**8,311.2460**	**1.5001**		**8,348.7476**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8272	28.6990	6.7806	0.0801	2.0288	0.0528	2.0816	0.5841	0.0505	0.6345		8,560.8742	8,560.8742	0.5029		8,573.4474
Worker	3.7338	2.3320	32.8497	0.1010	10.5405	0.0754	10.6159	2.7954	0.0694	2.8648		10,068.6367	10,068.6367	0.2538		10,074.9817
Total	**4.5610**	**31.0310**	**39.6303**	**0.1812**	**12.5694**	**0.1281**	**12.6975**	**3.3795**	**0.1199**	**3.4993**		**18,629.5109**	**18,629.5109**	**0.7567**		**18,648.4291**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,888.4101	4,888.4101	0.3931		4,898.2364
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,888.4101**	**4,888.4101**	**0.3931**		**4,898.2364**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8272	28.6990	6.7806	0.0801	1.6674	0.0528	1.7201	0.4954	0.0505	0.5458		8,560.8742	8,560.8742	0.5029		8,573.4474
Worker	3.7338	2.3320	32.8497	0.1010	8.2496	0.0754	8.3250	2.2331	0.0694	2.3025		10,068.6367	10,068.6367	0.2538		10,074.9817
Total	**4.5610**	**31.0310**	**39.6303**	**0.1812**	**9.9170**	**0.1281**	**10.0451**	**2.7284**	**0.1199**	**2.8483**		**18,629.5109**	**18,629.5109**	**0.7567**		**18,648.4291**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.7119	45.3274	41.2176	0.0868		2.0525	2.0525		1.9639	1.9639		8,311.7687	8,311.7687	1.4772		8,348.6990
Total	**4.7119**	**45.3274**	**41.2176**	**0.0868**		**2.0525**	**2.0525**		**1.9639**	**1.9639**		**8,311.7687**	**8,311.7687**	**1.4772**		**8,348.6990**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6171	21.6966	6.1091	0.0776	2.0288	0.0244	2.0532	0.5841	0.0233	0.6074		8,301.2066	8,301.2066	0.4386		8,312.1703
Worker	3.5107	2.1101	30.3359	0.0972	10.5405	0.0734	10.6139	2.7954	0.0676	2.8630		9,693.3815	9,693.3815	0.2289		9,699.1039
Total	**4.1278**	**23.8067**	**36.4451**	**0.1748**	**12.5693**	**0.0978**	**12.6671**	**3.3795**	**0.0909**	**3.4704**		**17,994.5881**	**17,994.5881**	**0.6675**		**18,011.2743**

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	0.5269	2.2833	32.4932	0.0868		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.0008	4,889.0008	0.3702		4,898.2563
Total	**0.5269**	**2.2833**	**32.4932**	**0.0868**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.0008**	**4,889.0008**	**0.3702**		**4,898.2563**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6171	21.6966	6.1091	0.0776	1.6673	0.0244	1.6917	0.4954	0.0233	0.5187		8,301.2066	8,301.2066	0.4386		8,312.1703
Worker	3.5107	2.1101	30.3359	0.0972	8.2496	0.0734	8.3230	2.2331	0.0676	2.3007		9,693.3815	9,693.3815	0.2289		9,699.1039
Total	**4.1278**	**23.8067**	**36.4451**	**0.1748**	**9.9170**	**0.0978**	**10.0148**	**2.7284**	**0.0909**	**2.8193**		**17,994.5881**	**17,994.5881**	**0.6675**		**18,011.2743**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.4249	42.0479	40.8210	0.0869		1.8305	1.8305		1.7498	1.7498		8,312.0287	8,312.0287	1.4696		8,348.7692
Total	**4.4249**	**42.0479**	**40.8210**	**0.0869**		**1.8305**	**1.8305**		**1.7498**	**1.7498**		**8,312.0287**	**8,312.0287**	**1.4696**		**8,348.7692**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6042	21.6428	5.9333	0.0773	2.0288	0.0241	2.0530	0.5841	0.0231	0.6072		8,271.1095	8,271.1095	0.4317		8,281.9026
Worker	3.3225	1.9229	28.3375	0.0940	10.5405	0.0724	10.6130	2.7954	0.0667	2.8621		9,375.3903	9,375.3903	0.2098		9,380.6362
Total	**3.9267**	**23.5657**	**34.2709**	**0.1713**	**12.5693**	**0.0966**	**12.6659**	**3.3795**	**0.0898**	**3.4692**		**17,646.4997**	**17,646.4997**	**0.6416**		**17,662.5389**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.3338	4,889.3338	0.3627		4,898.4000
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.3338**	**4,889.3338**	**0.3627**		**4,898.4000**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6042	21.6428	5.9333	0.0773	1.6673	0.0241	1.6915	0.4954	0.0231	0.5184		8,271.1095	8,271.1095	0.4317		8,281.9026
Worker	3.3225	1.9229	28.3375	0.0940	8.2496	0.0724	8.3221	2.2331	0.0667	2.2998		9,375.3903	9,375.3903	0.2098		9,380.6362
Total	**3.9267**	**23.5657**	**34.2709**	**0.1713**	**9.9170**	**0.0966**	**10.0135**	**2.7284**	**0.0898**	**2.8182**		**17,646.4997**	**17,646.4997**	**0.6416**		**17,662.5389**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.1501	38.7231	40.5456	0.0869		1.6255	1.6255		1.5519	1.5519		8,312.6504	8,312.6504	1.4545		8,349.0122
Total	**4.1501**	**38.7231**	**40.5456**	**0.0869**		**1.6255**	**1.6255**		**1.5519**	**1.5519**		**8,312.6504**	**8,312.6504**	**1.4545**		**8,349.0122**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5888	21.4541	5.7766	0.0768	2.0288	0.0238	2.0526	0.5841	0.0227	0.6068		8,224.0938	8,224.0938	0.4249		8,234.7154
Worker	3.1556	1.7586	26.3393	0.0903	10.5405	0.0711	10.6116	2.7954	0.0654	2.8608		9,006.3136	9,006.3136	0.1913		9,011.0954
Total	**3.7445**	**23.2126**	**32.1159**	**0.1671**	**12.5693**	**0.0948**	**12.6642**	**3.3795**	**0.0881**	**3.4676**		**17,230.4074**	**17,230.4074**	**0.6161**		**17,245.8108**

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	0.5269	2.2833	32.4932	0.0869		0.0703	0.0703		0.0703	0.0703	0.0000	4,889.8397	4,889.8397	0.3475		4,898.5264
Total	**0.5269**	**2.2833**	**32.4932**	**0.0869**		**0.0703**	**0.0703**		**0.0703**	**0.0703**	**0.0000**	**4,889.8397**	**4,889.8397**	**0.3475**		**4,898.5264**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5888	21.4541	5.7766	0.0768	1.6673	0.0238	1.6911	0.4954	0.0227	0.5181		8,224.0938	8,224.0938	0.4249		8,234.7154
Worker	3.1556	1.7586	26.3393	0.0903	8.2496	0.0711	8.3207	2.2331	0.0654	2.2985		9,006.3136	9,006.3136	0.1913		9,011.0954
Total	**3.7445**	**23.2126**	**32.1159**	**0.1671**	**9.9170**	**0.0948**	**10.0118**	**2.7284**	**0.0881**	**2.8166**		**17,230.4074**	**17,230.4074**	**0.6161**		**17,245.8108**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.4599	26.7086	12.8410	0.0404		1.1154	1.1154		1.0261	1.0261		3,911.7347	3,911.7347	1.2651		3,943.3631
Total	**14.2944**	**26.7086**	**12.8410**	**0.0404**		**1.1154**	**1.1154**		**1.0261**	**1.0261**		**3,911.7347**	**3,911.7347**	**1.2651**		**3,943.3631**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7036	0.4229	6.0801	0.0195	2.1126	0.0147	2.1273	0.5603	0.0136	0.5738		1,942.7880	1,942.7880	0.0459		1,943.9349
Total	**0.7036**	**0.4229**	**6.0801**	**0.0195**	**2.1126**	**0.0147**	**2.1273**	**0.5603**	**0.0136**	**0.5738**		**1,942.7880**	**1,942.7880**	**0.0459**		**1,943.9349**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7036	0.4229	6.0801	0.0195	1.6534	0.0147	1.6681	0.4476	0.0136	0.4611		1,942.7880	1,942.7880	0.0459		1,943.9349
Total	**0.7036**	**0.4229**	**6.0801**	**0.0195**	**1.6534**	**0.0147**	**1.6681**	**0.4476**	**0.0136**	**0.4611**		**1,942.7880**	**1,942.7880**	**0.0459**		**1,943.9349**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.3222	24.5300	12.4230	0.0404		1.0206	1.0206		0.9390	0.9390		3,911.6514	3,911.6514	1.2651		3,943.2791
Total	**14.1567**	**24.5300**	**12.4230**	**0.0404**		**1.0206**	**1.0206**		**0.9390**	**0.9390**		**3,911.6514**	**3,911.6514**	**1.2651**		**3,943.2791**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6659	0.3854	5.6795	0.0189	2.1126	0.0145	2.1271	0.5603	0.0134	0.5736		1,879.0549	1,879.0549	0.0421		1,880.1063
Total	**0.6659**	**0.3854**	**5.6795**	**0.0189**	**2.1126**	**0.0145**	**2.1271**	**0.5603**	**0.0134**	**0.5736**		**1,879.0549**	**1,879.0549**	**0.0421**		**1,880.1063**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6659	0.3854	5.6795	0.0189	1.6534	0.0145	1.6679	0.4476	0.0134	0.4609		1,879.0549	1,879.0549	0.0421		1,880.1063
Total	**0.6659**	**0.3854**	**5.6795**	**0.0189**	**1.6534**	**0.0145**	**1.6679**	**0.4476**	**0.0134**	**0.4609**		**1,879.0549**	**1,879.0549**	**0.0421**		**1,880.1063**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**14.0241**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6325	0.3525	5.2790	0.0181	2.1126	0.0142	2.1268	0.5603	0.0131	0.5734		1,805.0830	1,805.0830	0.0383		1,806.0414
Total	**0.6325**	**0.3525**	**5.2790**	**0.0181**	**2.1126**	**0.0142**	**2.1268**	**0.5603**	**0.0131**	**0.5734**		**1,805.0830**	**1,805.0830**	**0.0383**		**1,806.0414**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6325	0.3525	5.2790	0.0181	1.6534	0.0142	1.6677	0.4476	0.0131	0.4607		1,805.0830	1,805.0830	0.0383		1,806.0414
Total	**0.6325**	**0.3525**	**5.2790**	**0.0181**	**1.6534**	**0.0142**	**1.6677**	**0.4476**	**0.0131**	**0.4607**		**1,805.0830**	**1,805.0830**	**0.0383**		**1,806.0414**

3.6 Architectural Coating - 2026

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	2.1897	22.1756	12.1552	0.0404		0.9426	0.9426		0.8672	0.8672		3,911.7837	3,911.7837	1.2652		3,943.4124
Total	**14.0241**	**22.1756**	**12.1552**	**0.0404**		**0.9426**	**0.9426**		**0.8672**	**0.8672**		**3,911.7837**	**3,911.7837**	**1.2652**		**3,943.4124**

3.6 Architectural Coating - 2026

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	0.6035	0.3245	4.9379	0.0175	2.1126	0.0138	2.1263	0.5603	0.0127	0.5729		1,741.1657	1,741.1657	0.0351		1,742.0440
Total	**0.6035**	**0.3245**	**4.9379**	**0.0175**	**2.1126**	**0.0138**	**2.1263**	**0.5603**	**0.0127**	**0.5729**		**1,741.1657**	**1,741.1657**	**0.0351**		**1,742.0440**

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	11.8345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0404		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**11.8345**	**0.0000**	**0.0000**	**0.0404**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Architectural Coating - 2026

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	0.6035	0.3245	4.9379	0.0175	1.6534	0.0138	1.6672	0.4476	0.0127	0.4602		1,741.1657	1,741.1657	0.0351		1,742.0440
Total	**0.6035**	**0.3245**	**4.9379**	**0.0175**	**1.6534**	**0.0138**	**1.6672**	**0.4476**	**0.0127**	**0.4602**		**1,741.1657**	**1,741.1657**	**0.0351**		**1,742.0440**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.0885	37.1640	35.1308	0.0764		1.5386	1.5386		1.4455	1.4455		7,254.9668	7,254.9668	1.8622		7,301.5206
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**4.0885**	**37.1640**	**35.1308**	**0.0764**		**1.5386**	**1.5386**		**1.4455**	**1.4455**		**7,254.9668**	**7,254.9668**	**1.8622**		**7,301.5206**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.6483	4.3700e-003	0.6527	0.1719	4.0200e-003	0.1760		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.6483**	**4.3700e-003**	**0.6527**	**0.1719**	**4.0200e-003**	**0.1760**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

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	0.6131	2.7067	32.4636	0.0764		0.0855	0.0855		0.0850	0.0850	0.0000	5,578.4881	5,578.4881	1.3199		5,611.4867
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6131**	**2.7067**	**32.4636**	**0.0764**		**0.0855**	**0.0855**		**0.0850**	**0.0850**	**0.0000**	**5,578.4881**	**5,578.4881**	**1.3199**		**5,611.4867**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1941	0.1082	1.6200	5.5500e-003	0.5074	4.3700e-003	0.5118	0.1374	4.0200e-003	0.1414		553.9408	553.9408	0.0118		554.2349
Total	**0.1941**	**0.1082**	**1.6200**	**5.5500e-003**	**0.5074**	**4.3700e-003**	**0.5118**	**0.1374**	**4.0200e-003**	**0.1414**		**553.9408**	**553.9408**	**0.0118**		**554.2349**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.1243	14.8916	34.9733	0.1510	13.9127	0.1019	14.0146	3.7214	0.0946	3.8160		15,447.0276	15,447.0276	0.6481		15,463.2299
Unmitigated	3.5853	17.1797	47.2061	0.2100	19.8753	0.1397	20.0150	5.3163	0.1297	5.4460		21,466.4833	21,466.4833	0.8623		21,488.0401

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	2,736.09	2,736.09	2736.09	9,349,635	6,544,745
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	2,736.09	2,736.09	2,736.09	9,349,635	6,544,745

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Condo/Townhouse High Rise	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Health Club	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579
NaturalGas Unmitigated	0.3788	3.3989	2.5628	0.0207		0.2617	0.2617		0.2617	0.2617		4,132.6993	4,132.6993	0.0792	0.0758	4,157.2579

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					
City Park	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
Condo/Townhouse High Rise	7651.32	0.0825	0.7051	0.3001	4.5000e-003		0.0570	0.0570		0.0570	0.0570		900.1556	900.1556	0.0173	0.0165	905.5048
Health Club	365.471	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003		42.9966	42.9966	8.2000e-004	7.9000e-004	43.2521
Hotel	12782.9	0.1379	1.2532	1.0527	7.5200e-003		0.0952	0.0952		0.0952	0.0952		1,503.8648	1,503.8648	0.0288	0.0276	1,512.8016
Office Park	679.667	7.3300e-003	0.0666	0.0560	4.0000e-004		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003		79.9609	79.9609	1.5300e-003	1.4700e-003	80.4360
Quality Restaurant	13611	0.1468	1.3344	1.1209	8.0100e-003		0.1014	0.1014		0.1014	0.1014		1,601.2996	1,601.2996	0.0307	0.0294	1,610.8153
Recreational Swimming Pool	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
Regional Shopping Center	37.5852	4.1000e-004	3.6800e-003	3.1000e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		4.4218	4.4218	8.0000e-005	8.0000e-005	4.4481
Unenclosed 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
Total		**0.3788**	**3.3989**	**2.5628**	**0.0207**		**0.2617**	**0.2617**		**0.2617**	**0.2617**		**4,132.6993**	**4,132.6993**	**0.0792**	**0.0758**	**4,157.2579**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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
Condo/Townhouse High Rise	7.65132	0.0825	0.7051	0.3001	4.5000e-003		0.0570	0.0570		0.0570	0.0570		900.1556	900.1556	0.0173	0.0165	905.5048
Health Club	0.365471	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003		42.9966	42.9966	8.2000e-004	7.9000e-004	43.2521
Hotel	12.7829	0.1379	1.2532	1.0527	7.5200e-003		0.0952	0.0952		0.0952	0.0952		1,503.8648	1,503.8648	0.0288	0.0276	1,512.8016
Office Park	0.679667	7.3300e-003	0.0666	0.0560	4.0000e-004		5.0600e-003	5.0600e-003		5.0600e-003	5.0600e-003		79.9609	79.9609	1.5300e-003	1.4700e-003	80.4360
Quality Restaurant	13.611	0.1468	1.3344	1.1209	8.0100e-003		0.1014	0.1014		0.1014	0.1014		1,601.2996	1,601.2996	0.0307	0.0294	1,610.8153
Recreational Swimming Pool	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
Regional Shopping Center	0.0375852	4.1000e-004	3.6800e-003	3.1000e-003	2.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		4.4218	4.4218	8.0000e-005	8.0000e-005	4.4481
Unenclosed 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
Total		**0.3788**	**3.3989**	**2.5628**	**0.0207**		**0.2617**	**0.2617**		**0.2617**	**0.2617**		**4,132.6993**	**4,132.6993**	**0.0792**	**0.0758**	**4,157.2579**

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	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518
Unmitigated	30.3021	4.8145	27.2585	0.0302		0.5056	0.5056		0.5056	0.5056	0.0000	5,820.6071	5,820.6071	0.1558	0.1059	5,856.0518

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	2.2599					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.7300					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5294	4.5236	1.9249	0.0289		0.3657	0.3657		0.3657	0.3657	0.0000	5,774.8235	5,774.8235	0.1107	0.1059	5,809.1404
Landscaping	0.7829	0.2909	25.3335	1.3500e-003		0.1399	0.1399		0.1399	0.1399		45.7836	45.7836	0.0451		46.9114
Total	**30.3021**	**4.8145**	**27.2585**	**0.0302**		**0.5056**	**0.5056**		**0.5056**	**0.5056**	**0.0000**	**5,820.6071**	**5,820.6071**	**0.1558**	**0.1059**	**5,856.0518**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2599					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	26.7300					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.5294	4.5236	1.9249	0.0289		0.3657	0.3657		0.3657	0.3657	0.0000	5,774.8235	5,774.8235	0.1107	0.1059	5,809.1404
Landscaping	0.7829	0.2909	25.3335	1.3500e-003		0.1399	0.1399		0.1399	0.1399		45.7836	45.7836	0.0451		46.9114
Total	**30.3021**	**4.8145**	**27.2585**	**0.0302**		**0.5056**	**0.5056**		**0.5056**	**0.5056**	**0.0000**	**5,820.6071**	**5,820.6071**	**0.1558**	**0.1059**	**5,856.0518**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	168,788.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	506,363.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00

tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	VendorTripNumber	144.00	0.00

tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	368.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Energy	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
Mobile	2.1748	11.0837	24.1565	0.1039	10.0920	0.0746	10.1665	2.6994	0.0692	2.7687		10,640.8283	10,640.8283	0.4787		10,652.7967
Total	**10.2106**	**13.4941**	**26.3312**	**0.1184**	**10.0920**	**0.2582**	**10.3502**	**2.6994**	**0.2529**	**2.9523**		**13,531.9439**	**13,531.9439**	**0.5350**	**0.0530**	**13,561.1119**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Energy	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
Mobile	1.9463	9.8539	18.6256	0.0754	7.0644	0.0554	7.1198	1.8896	0.0514	1.9410		7,730.5565	7,730.5565	0.3727		7,739.8732
Total	**9.9821**	**12.2643**	**20.8003**	**0.0899**	**7.0644**	**0.2390**	**7.3034**	**1.8896**	**0.2350**	**2.1246**		**10,621.6721**	**10,621.6721**	**0.4289**	**0.0530**	**10,648.1885**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.24**	**9.11**	**21.01**	**24.07**	**30.00**	**7.43**	**29.44**	**30.00**	**7.05**	**28.03**	**0.00**	**21.51**	**21.51**	**19.83**	**0.00**	**21.48**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

3.3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

3.4 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.7 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.9463	9.8539	18.6256	0.0754	7.0644	0.0554	7.1198	1.8896	0.0514	1.9410		7,730.5565	7,730.5565	0.3727		7,739.8732
Unmitigated	2.1748	11.0837	24.1565	0.1039	10.0920	0.0746	10.1665	2.6994	0.0692	2.7687		10,640.8283	10,640.8283	0.4787		10,652.7967

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	1,808.75	2,015.51	1,478.14	4,196,774	2,937,742

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
NaturalGas Unmitigated	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694

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					
City Park	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	22314.9	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	568.312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1675.76	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	12.7948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2650**	**2.4090**	**2.0235**	**0.0145**		**0.1831**	**0.1831**		**0.1831**	**0.1831**		**2,890.7909**	**2,890.7909**	**0.0554**	**0.0530**	**2,907.9694**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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	22.3149	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	0.568312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1.67576	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	0.0127948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2650**	**2.4090**	**2.0235**	**0.0145**		**0.1831**	**0.1831**		**0.1831**	**0.1831**		**2,890.7909**	**2,890.7909**	**0.0554**	**0.0530**	**2,907.9694**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Unmitigated	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458

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	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8618					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Total	**7.7708**	**1.3700e-003**	**0.1511**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3247**	**0.3247**	**8.4000e-004**		**0.3458**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8618					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Total	**7.7708**	**1.3700e-003**	**0.1511**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3247**	**0.3247**	**8.4000e-004**		**0.3458**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	168,788.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	506,363.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00

tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	VendorTripNumber	144.00	0.00

tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	368.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Energy	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
Mobile	2.3100	11.0057	25.5060	0.1098	10.0920	0.0742	10.1662	2.6994	0.0689	2.7683		11,234.8201	11,234.8201	0.4733		11,246.6521
Total	**10.3458**	**13.4161**	**27.6806**	**0.1243**	**10.0920**	**0.2578**	**10.3498**	**2.6994**	**0.2525**	**2.9520**		**14,125.9357**	**14,125.9357**	**0.5295**	**0.0530**	**14,154.9673**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Energy	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
Mobile	2.0760	9.8439	19.2946	0.0798	7.0644	0.0550	7.1194	1.8896	0.0511	1.9407		8,178.3539	8,178.3539	0.3645		8,187.4670
Total	**10.1117**	**12.2543**	**21.4692**	**0.0943**	**7.0644**	**0.2386**	**7.3030**	**1.8896**	**0.2347**	**2.1243**		**11,069.4695**	**11,069.4695**	**0.4208**	**0.0530**	**11,095.7823**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.26**	**8.66**	**22.44**	**24.12**	**30.00**	**7.44**	**29.44**	**30.00**	**7.06**	**28.04**	**0.00**	**21.64**	**21.64**	**20.54**	**0.00**	**21.61**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

3.3 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

3.4 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.4 Grading - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

3.5 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

3.6 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.6 Paving - 2022

Mitigated Construction Off-Site

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

3.7 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0760	9.8439	19.2946	0.0798	7.0644	0.0550	7.1194	1.8896	0.0511	1.9407		8,178.3539	8,178.3539	0.3645		8,187.4670
Unmitigated	2.3100	11.0057	25.5060	0.1098	10.0920	0.0742	10.1662	2.6994	0.0689	2.7683		11,234.8201	11,234.8201	0.4733		11,246.6521

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	1,808.75	2,015.51	1,478.14	4,196,774	2,937,742

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Hotel	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Office Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Quality Restaurant	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Recreational Swimming Pool	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Regional Shopping Center	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Unenclosed Parking with Elevator	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2027 - Existing Specific Plans - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694
NaturalGas Unmitigated	0.2650	2.4090	2.0236	0.0145		0.1831	0.1831		0.1831	0.1831		2,890.7909	2,890.7909	0.0554	0.0530	2,907.9694

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					
City Park	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	22314.9	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	568.312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1675.76	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	12.7948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2650**	**2.4090**	**2.0235**	**0.0145**		**0.1831**	**0.1831**		**0.1831**	**0.1831**		**2,890.7909**	**2,890.7909**	**0.0554**	**0.0530**	**2,907.9694**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	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	22.3149	0.2407	2.1877	1.8377	0.0131		0.1663	0.1663		0.1663	0.1663		2,625.2768	2,625.2768	0.0503	0.0481	2,640.8776
Office Park	0.568312	6.1300e-003	0.0557	0.0468	3.3000e-004		4.2300e-003	4.2300e-003		4.2300e-003	4.2300e-003		66.8602	66.8602	1.2800e-003	1.2300e-003	67.2575
Quality Restaurant	1.67576	0.0181	0.1643	0.1380	9.9000e-004		0.0125	0.0125		0.0125	0.0125		197.1486	197.1486	3.7800e-003	3.6100e-003	198.3202
Recreational Swimming Pool	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
Regional Shopping Center	0.0127948	1.4000e-004	1.2500e-003	1.0500e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		1.5053	1.5053	3.0000e-005	3.0000e-005	1.5142
Unenclosed 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
Total		**0.2650**	**2.4090**	**2.0235**	**0.0145**		**0.1831**	**0.1831**		**0.1831**	**0.1831**		**2,890.7909**	**2,890.7909**	**0.0554**	**0.0530**	**2,907.9694**

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	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Unmitigated	7.7708	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458

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	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8618					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Total	**7.7708**	**1.3700e-003**	**0.1511**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3247**	**0.3247**	**8.4000e-004**		**0.3458**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8618					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0139	1.3700e-003	0.1511	1.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004		0.3247	0.3247	8.4000e-004		0.3458
Total	**7.7708**	**1.3700e-003**	**0.1511**	**1.0000e-005**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**		**0.3247**	**0.3247**	**8.4000e-004**		**0.3458**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

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

One Beverly Hills - Proposed Project - 2030

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	30.24	1000sqft	0.00	30,236.00	0
Enclosed Parking with Elevator	2,179.00	Space	0.00	871,600.00	0
City Park	10.00	Acre	10.00	435,600.00	0
High Turnover (Sit Down Restaurant)	10.03	1000sqft	0.00	10,028.00	0
Hotel	78.00	Room	0.00	240,580.00	0
Quality Restaurant	9.97	1000sqft	0.00	9,969.00	0
Recreational Swimming Pool	30.40	1000sqft	0.00	30,404.00	0
Condo/Townhouse High Rise	370.00	Dwelling Unit	7.40	1,024,553.00	1058
Regional Shopping Center	26.27	1000sqft	0.00	26,269.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	353.87	**CH4 Intensity (lb/MWhr)**	0.015	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE adjusted for RPS for 2030

Land Use - All lot acreage allocated to residential land uses. SF for promenade and pavilion added to hotel. Office park for non-hotel restaurant conference center uses.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Off-road Equipment - Provided by the applicant

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on info from project applicant

Grading - Based on info from project applicant

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip rates from F&P memo, adjusted weekend rates for dining and retail with same internal capture rates as weekday, amenity access trips allocated to swimming pool. Park rate adjusted for public access portion.

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards.

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Area Mitigation -

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - 60% diversion rate in Beverly Hills

One Beverly Hills - Proposed Project - 2030 - South Coast AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	314.50	333.00
tblFireplaces	NumberWood	18.50	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	30,240.00	30,236.00
tblLandUse	LandUseSquareFeet	10,030.00	10,028.00
tblLandUse	LandUseSquareFeet	113,256.00	240,580.00
tblLandUse	LandUseSquareFeet	9,970.00	9,969.00

tblLandUse	LandUseSquareFeet	30,400.00	30,404.00
tblLandUse	LandUseSquareFeet	370,000.00	1,024,553.00
tblLandUse	LandUseSquareFeet	26,270.00	26,269.00
tblLandUse	LotAcreage	0.69	0.00
tblLandUse	LotAcreage	19.61	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	2.60	0.00
tblLandUse	LotAcreage	0.23	0.00
tblLandUse	LotAcreage	0.70	0.00
tblLandUse	LotAcreage	5.78	7.40
tblLandUse	LotAcreage	0.60	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.015
tblProjectCharacteristics	CO2IntensityFactor	702.44	353.87
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	2,068.00	2,364.00

tblTripsAndVMT	HaulingTripNumber	79,311.00	78,572.00
tblVehicleTrips	HO_TTP	40.60	41.00
tblVehicleTrips	HS_TTP	19.20	19.00
tblVehicleTrips	HW_TTP	40.20	40.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	37.00	80.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	10.20
tblVehicleTrips	ST_TR	158.37	126.70
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	2.40
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	7.53
tblVehicleTrips	SU_TR	131.84	105.47
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	36.08
tblVehicleTrips	SU_TR	13.60	2.40
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.35
tblVehicleTrips	WD_TR	4.18	3.55
tblVehicleTrips	WD_TR	127.15	89.74
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	2.40

tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	18.50	0.00
tblWoodstoves	NumberNoncatalytic	18.50	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	0.1494	1.4183	0.9955	2.2700e-003	0.2338	0.0598	0.2936	0.0937	0.0556	0.1493	0.0000	197.0418	197.0418	0.0477	0.0000	198.2331
2022	2.8148	32.7945	19.3925	0.0945	3.6672	0.7376	4.4048	1.1358	0.7028	1.8386	0.0000	8,775.7658	8,775.7658	0.8993	0.0000	8,798.2485
2023	2.2772	11.0629	11.2716	0.0378	1.7776	0.3656	2.1432	0.4779	0.3463	0.8242	0.0000	3,430.0091	3,430.0091	0.3426	0.0000	3,438.5744
2024	3.0146	11.8722	11.9348	0.0407	1.9053	0.3882	2.2935	0.5119	0.3659	0.8778	0.0000	3,694.4695	3,694.4695	0.4055	0.0000	3,704.6065
2025	3.3900	15.1848	15.4635	0.0478	1.8379	0.5311	2.3690	0.4935	0.4993	0.9928	0.0000	4,285.3243	4,285.3243	0.5990	0.0000	4,300.2985
2026	0.1590	0.2480	0.1842	6.3000e-004	0.0231	0.0105	0.0336	6.1200e-003	9.6800e-003	0.0158	0.0000	55.7353	55.7353	0.0130	0.0000	56.0593
Maximum	**3.3900**	**32.7945**	**19.3925**	**0.0945**	**3.6672**	**0.7376**	**4.4048**	**1.1358**	**0.7028**	**1.8386**	**0.0000**	**8,775.7658**	**8,775.7658**	**0.8993**	**0.0000**	**8,798.2485**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0304	0.1790	1.0099	2.2700e-003	0.1205	4.1600e-003	0.1247	0.0462	4.0300e-003	0.0502	0.0000	197.0416	197.0416	0.0477	0.0000	198.2329
2022	1.1314	17.6778	17.2704	0.0945	2.5350	0.0915	2.6265	0.7641	0.0881	0.8522	0.0000	8,538.2198	8,538.2198	0.8225	0.0000	8,558.7818
2023	1.5462	3.4373	9.1615	0.0378	1.4025	0.0231	1.4256	0.3859	0.0221	0.4080	0.0000	2,756.6490	2,756.6490	0.1248	0.0000	2,759.7699
2024	2.1998	3.4496	9.2165	0.0407	1.5026	0.0239	1.5265	0.4131	0.0229	0.4359	0.0000	2,822.8463	2,822.8463	0.1236	0.0000	2,825.9357
2025	2.2195	3.4579	12.5710	0.0478	1.4488	0.0334	1.4822	0.3980	0.0323	0.4303	0.0000	3,254.2324	3,254.2324	0.2655	0.0000	3,260.8697
2026	0.1349	4.0600e-003	0.0505	6.3000e-004	0.0181	1.5000e-004	0.0182	4.9000e-003	1.4000e-004	5.0400e-003	0.0000	16.6995	16.6995	3.3000e-004	0.0000	16.7079
Maximum	**2.2195**	**17.6778**	**17.2704**	**0.0945**	**2.5350**	**0.0915**	**2.6265**	**0.7641**	**0.0881**	**0.8522**	**0.0000**	**8,538.2198**	**8,538.2198**	**0.8225**	**0.0000**	**8,558.7818**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**38.48**	**61.14**	**16.82**	**0.00**	**25.60**	**91.58**	**37.56**	**26.00**	**91.44**	**53.57**	**0.00**	**13.96**	**13.96**	**39.99**	**0.00**	**14.03**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**11-1-2021**	**1-31-2022**	2.1847	0.2991
2	**2-1-2022**	**4-30-2022**	8.0111	4.5039
3	**5-1-2022**	**7-31-2022**	10.1691	5.4203
4	**8-1-2022**	**10-31-2022**	11.1970	5.8773
5	**11-1-2022**	**1-31-2023**	5.9332	2.7710

6	**2-1-2023**	**4-30-2023**	2.4769	0.9757
7	**5-1-2023**	**7-31-2023**	3.4648	1.2775
8	**8-1-2023**	**10-31-2023**	3.9356	1.4254
9	**11-1-2023**	**1-31-2024**	3.8765	1.4315
10	**2-1-2024**	**4-30-2024**	3.6495	1.3830
11	**5-1-2024**	**7-31-2024**	3.7189	1.4020
12	**8-1-2024**	**10-31-2024**	3.7248	1.4079
13	**11-1-2024**	**1-31-2025**	4.1225	1.4530
14	**2-1-2025**	**4-30-2025**	4.7172	1.4635
15	**5-1-2025**	**7-31-2025**	4.8645	1.5012
16	**8-1-2025**	**10-31-2025**	4.8704	1.5071
17	**11-1-2025**	**1-31-2026**	2.8104	0.7915
		Highest	11.1970	5.8773

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	5.4393	0.1132	3.8651	6.4000e-004		0.0269	0.0269		0.0269	0.0269	0.0000	86.2574	86.2574	7.6200e-003	1.4700e-003	86.8849
Energy	0.0762	0.6828	0.5084	4.1600e-003		0.0527	0.0527		0.0527	0.0527	0.0000	2,262.4087	2,262.4087	0.0784	0.0266	2,272.2990
Mobile	0.7027	4.0284	8.6648	0.0412	4.1544	0.0251	4.1795	1.1128	0.0233	1.1361	0.0000	3,834.5454	3,834.5454	0.1562	0.0000	3,838.4502
Waste						0.0000	0.0000		0.0000	0.0000	115.9484	0.0000	115.9484	6.8524	0.0000	287.2574
Water						0.0000	0.0000		0.0000	0.0000	14.6031	145.6652	160.2683	0.0564	0.0330	171.5108
Total	**6.2182**	**4.8243**	**13.0383**	**0.0460**	**4.1544**	**0.1046**	**4.2590**	**1.1128**	**0.1028**	**1.2156**	**130.5515**	**6,328.8767**	**6,459.4282**	**7.1510**	**0.0611**	**6,656.4022**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.4393	0.1132	3.8651	6.4000e-004		0.0269	0.0269		0.0269	0.0269	0.0000	86.2574	86.2574	7.6200e-003	1.4700e-003	86.8849
Energy	0.0762	0.6828	0.5084	4.1600e-003		0.0527	0.0527		0.0527	0.0527	0.0000	2,248.4216	2,248.4216	0.0778	0.0265	2,258.2618
Mobile	0.6148	3.5671	6.5634	0.0298	2.9081	0.0185	2.9265	0.7790	0.0171	0.7961	0.0000	2,778.5947	2,778.5947	0.1197	0.0000	2,781.5865
Waste						0.0000	0.0000		0.0000	0.0000	92.7588	0.0000	92.7588	5.4819	0.0000	229.8059
Water						0.0000	0.0000		0.0000	0.0000	11.6825	128.4121	140.0946	0.0457	0.0265	149.1311
Total	**6.1302**	**4.3631**	**10.9369**	**0.0346**	**2.9081**	**0.0980**	**3.0060**	**0.7790**	**0.0966**	**0.8756**	**104.4412**	**5,241.6858**	**5,346.1270**	**5.7326**	**0.0545**	**5,505.6702**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.41**	**9.56**	**16.12**	**24.73**	**30.00**	**6.30**	**29.42**	**30.00**	**5.96**	**27.97**	**20.00**	**17.18**	**17.24**	**19.83**	**10.84**	**17.29**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,074,720; Residential Outdoor: 691,573; Non-Residential Indoor: 475,623; Non-Residential Outdoor: 158,541; Striped Parking Area: 52,296 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50

Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	2,364.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	78,572.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	956.00	311.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	191.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0330	0.0000	0.0330	5.0000e-003	0.0000	5.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.7773	0.5152	1.1000e-003		0.0336	0.0336		0.0316	0.0316	0.0000	91.6344	91.6344	0.0243	0.0000	92.2410
Total	**0.0865**	**0.7773**	**0.5152**	**1.1000e-003**	**0.0330**	**0.0336**	**0.0667**	**5.0000e-003**	**0.0316**	**0.0366**	**0.0000**	**91.6344**	**91.6344**	**0.0243**	**0.0000**	**92.2410**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0200e-003	0.0673	0.0152	2.2000e-004	0.0281	2.4000e-004	0.0283	7.0400e-003	2.3000e-004	7.2700e-003	0.0000	21.4489	21.4489	1.3400e-003	0.0000	21.4824
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	6.1000e-003	4.5100e-003	0.0510	1.5000e-004	0.0161	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.9765	13.9765	3.7000e-004	0.0000	13.9859
Total	**8.1200e-003**	**0.0718**	**0.0662**	**3.7000e-004**	**0.0441**	**3.6000e-004**	**0.0445**	**0.0113**	**3.4000e-004**	**0.0116**	**0.0000**	**35.4255**	**35.4255**	**1.7100e-003**	**0.0000**	**35.4683**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0531	0.4660	1.1000e-003		1.8900e-003	1.8900e-003		1.8300e-003	1.8300e-003	0.0000	91.6343	91.6343	0.0243	0.0000	92.2408
Total	**0.0104**	**0.0531**	**0.4660**	**1.1000e-003**	**0.0149**	**1.8900e-003**	**0.0168**	**2.2500e-003**	**1.8300e-003**	**4.0800e-003**	**0.0000**	**91.6343**	**91.6343**	**0.0243**	**0.0000**	**92.2408**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0200e-003	0.0673	0.0152	2.2000e-004	0.0214	2.4000e-004	0.0216	5.4000e-003	2.3000e-004	5.6200e-003	0.0000	21.4489	21.4489	1.3400e-003	0.0000	21.4824
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	6.1000e-003	4.5100e-003	0.0510	1.5000e-004	0.0126	1.2000e-004	0.0127	3.4100e-003	1.1000e-004	3.5200e-003	0.0000	13.9765	13.9765	3.7000e-004	0.0000	13.9859
Total	**8.1200e-003**	**0.0718**	**0.0662**	**3.7000e-004**	**0.0339**	**3.6000e-004**	**0.0343**	**8.8100e-003**	**3.4000e-004**	**9.1400e-003**	**0.0000**	**35.4255**	**35.4255**	**1.7100e-003**	**0.0000**	**35.4683**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1908	0.0000	0.1908	0.0289	0.0000	0.0289	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4541	3.9453	2.9021	6.3400e-003		0.1664	0.1664		0.1567	0.1567	0.0000	529.3357	529.3357	0.1401	0.0000	532.8391
Total	**0.4541**	**3.9453**	**2.9021**	**6.3400e-003**	**0.1908**	**0.1664**	**0.3571**	**0.0289**	**0.1567**	**0.1856**	**0.0000**	**529.3357**	**529.3357**	**0.1401**	**0.0000**	**532.8391**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0111	0.3559	0.0871	1.2500e-003	0.0343	1.1700e-003	0.0354	9.2900e-003	1.1200e-003	0.0104	0.0000	122.4345	122.4345	7.6300e-003	0.0000	122.6254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0331	0.0235	0.2719	8.6000e-004	0.0927	6.8000e-004	0.0934	0.0246	6.2000e-004	0.0252	0.0000	77.8580	77.8580	1.9600e-003	0.0000	77.9069
Total	**0.0442**	**0.3794**	**0.3590**	**2.1100e-003**	**0.1270**	**1.8500e-003**	**0.1288**	**0.0339**	**1.7400e-003**	**0.0357**	**0.0000**	**200.2926**	**200.2926**	**9.5900e-003**	**0.0000**	**200.5323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0858	0.0000	0.0858	0.0130	0.0000	0.0130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0593	0.2919	2.6917	6.3400e-003		0.0102	0.0102		9.9300e-003	9.9300e-003	0.0000	529.3351	529.3351	0.1401	0.0000	532.8385
Total	**0.0593**	**0.2919**	**2.6917**	**6.3400e-003**	**0.0858**	**0.0102**	**0.0960**	**0.0130**	**9.9300e-003**	**0.0229**	**0.0000**	**529.3351**	**529.3351**	**0.1401**	**0.0000**	**532.8385**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0111	0.3559	0.0871	1.2500e-003	0.0276	1.1700e-003	0.0287	7.6400e-003	1.1200e-003	8.7600e-003	0.0000	122.4345	122.4345	7.6300e-003	0.0000	122.6254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0331	0.0235	0.2719	8.6000e-004	0.0726	6.8000e-004	0.0733	0.0197	6.2000e-004	0.0203	0.0000	77.8580	77.8580	1.9600e-003	0.0000	77.9069
Total	**0.0442**	**0.3794**	**0.3590**	**2.1100e-003**	**0.1002**	**1.8500e-003**	**0.1020**	**0.0273**	**1.7400e-003**	**0.0291**	**0.0000**	**200.2926**	**200.2926**	**9.5900e-003**	**0.0000**	**200.5323**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1530	0.0000	0.1530	0.0764	0.0000	0.0764	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.5682	0.4023	7.6000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	66.7566	66.7566	0.0216	0.0000	67.2963
Total	**0.0534**	**0.5682**	**0.4023**	**7.6000e-004**	**0.1530**	**0.0258**	**0.1788**	**0.0764**	**0.0237**	**0.1001**	**0.0000**	**66.7566**	**66.7566**	**0.0216**	**0.0000**	**67.2963**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4100e-003	1.0400e-003	0.0118	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.2254	3.2254	9.0000e-005	0.0000	3.2275
Total	**1.4100e-003**	**1.0400e-003**	**0.0118**	**4.0000e-005**	**3.7000e-003**	**3.0000e-005**	**3.7300e-003**	**9.8000e-004**	**3.0000e-005**	**1.0100e-003**	**0.0000**	**3.2254**	**3.2254**	**9.0000e-005**	**0.0000**	**3.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0689	0.0000	0.0689	0.0344	0.0000	0.0344	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0531	0.4660	7.6000e-004		1.8900e-003	1.8900e-003		1.8300e-003	1.8300e-003	0.0000	66.7565	66.7565	0.0216	0.0000	67.2963
Total	**0.0104**	**0.0531**	**0.4660**	**7.6000e-004**	**0.0689**	**1.8900e-003**	**0.0707**	**0.0344**	**1.8300e-003**	**0.0362**	**0.0000**	**66.7565**	**66.7565**	**0.0216**	**0.0000**	**67.2963**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4100e-003	1.0400e-003	0.0118	4.0000e-005	2.9000e-003	3.0000e-005	2.9300e-003	7.9000e-004	3.0000e-005	8.1000e-004	0.0000	3.2254	3.2254	9.0000e-005	0.0000	3.2275
Total	**1.4100e-003**	**1.0400e-003**	**0.0118**	**4.0000e-005**	**2.9000e-003**	**3.0000e-005**	**2.9300e-003**	**7.9000e-004**	**3.0000e-005**	**8.1000e-004**	**0.0000**	**3.2254**	**3.2254**	**9.0000e-005**	**0.0000**	**3.2275**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0367	0.0000	0.0367	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.2211	0.1817	3.5000e-004		9.7900e-003	9.7900e-003		9.0100e-003	9.0100e-003	0.0000	31.1444	31.1444	0.0101	0.0000	31.3962
Total	**0.0213**	**0.2211**	**0.1817**	**3.5000e-004**	**0.0807**	**9.7900e-003**	**0.0905**	**0.0367**	**9.0100e-003**	**0.0457**	**0.0000**	**31.1444**	**31.1444**	**0.0101**	**0.0000**	**31.3962**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.4000e-004	5.0700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.4512	1.4512	4.0000e-005	0.0000	1.4521
Total	**6.2000e-004**	**4.4000e-004**	**5.0700e-003**	**2.0000e-005**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**0.0000**	**1.4512**	**1.4512**	**4.0000e-005**	**0.0000**	**1.4521**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0363	0.0000	0.0363	0.0165	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7900e-003	0.0236	0.2174	3.5000e-004		8.2000e-004	8.2000e-004		8.0000e-004	8.0000e-004	0.0000	31.1443	31.1443	0.0101	0.0000	31.3962
Total	**4.7900e-003**	**0.0236**	**0.2174**	**3.5000e-004**	**0.0363**	**8.2000e-004**	**0.0372**	**0.0165**	**8.0000e-004**	**0.0173**	**0.0000**	**31.1443**	**31.1443**	**0.0101**	**0.0000**	**31.3962**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.4000e-004	5.0700e-003	2.0000e-005	1.3500e-003	1.0000e-005	1.3700e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.4512	1.4512	4.0000e-005	0.0000	1.4521
Total	**6.2000e-004**	**4.4000e-004**	**5.0700e-003**	**2.0000e-005**	**1.3500e-003**	**1.0000e-005**	**1.3700e-003**	**3.7000e-004**	**1.0000e-005**	**3.8000e-004**	**0.0000**	**1.4512**	**1.4512**	**4.0000e-005**	**0.0000**	**1.4521**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8619	0.0000	0.8619	0.3832	0.0000	0.3832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0305	8.1427	5.6753	0.0146		0.3252	0.3252		0.3112	0.3112	0.0000	1,185.5561	1,185.5561	0.2797	0.0000	1,192.5497
Total	**1.0305**	**8.1427**	**5.6753**	**0.0146**	**0.8619**	**0.3252**	**1.1871**	**0.3832**	**0.3112**	**0.6945**	**0.0000**	**1,185.5561**	**1,185.5561**	**0.2797**	**0.0000**	**1,192.5497**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.4324	13.8757	3.3960	0.0485	1.1814	0.0457	1.2271	0.3243	0.0437	0.3680	0.0000	4,773.6519	4,773.6519	0.2976	0.0000	4,781.0923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0968	0.0688	0.7960	2.5200e-003	0.2714	1.9800e-003	0.2734	0.0721	1.8200e-003	0.0739	0.0000	227.9352	227.9352	5.7300e-003	0.0000	228.0783
Total	**0.5292**	**13.9445**	**4.1920**	**0.0511**	**1.4528**	**0.0477**	**1.5005**	**0.3963**	**0.0456**	**0.4419**	**0.0000**	**5,001.5871**	**5,001.5871**	**0.3034**	**0.0000**	**5,009.1707**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3878	0.0000	0.3878	0.1725	0.0000	0.1725	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1033	0.4770	4.4268	0.0146		0.0157	0.0157		0.0155	0.0155	0.0000	1,185.5547	1,185.5547	0.2797	0.0000	1,192.5482
Total	**0.1033**	**0.4770**	**4.4268**	**0.0146**	**0.3878**	**0.0157**	**0.4035**	**0.1725**	**0.0155**	**0.1879**	**0.0000**	**1,185.5547**	**1,185.5547**	**0.2797**	**0.0000**	**1,192.5482**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.4324	13.8757	3.3960	0.0485	0.9590	0.0457	1.0047	0.2697	0.0437	0.3134	0.0000	4,773.6519	4,773.6519	0.2976	0.0000	4,781.0923
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0968	0.0688	0.7960	2.5200e-003	0.2126	1.9800e-003	0.2146	0.0576	1.8200e-003	0.0595	0.0000	227.9352	227.9352	5.7300e-003	0.0000	228.0783
Total	**0.5292**	**13.9445**	**4.1920**	**0.0511**	**1.1716**	**0.0477**	**1.2193**	**0.3273**	**0.0456**	**0.3729**	**0.0000**	**5,001.5871**	**5,001.5871**	**0.3034**	**0.0000**	**5,009.1707**

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	0.3853	3.7747	3.1847	6.6400e-003		0.1768	0.1768		0.1694	0.1694	0.0000	576.7974	576.7974	0.1041	0.0000	579.4000
Total	**0.3853**	**3.7747**	**3.1847**	**6.6400e-003**		**0.1768**	**0.1768**		**0.1694**	**0.1694**	**0.0000**	**576.7974**	**576.7974**	**0.1041**	**0.0000**	**579.4000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0635	2.1828	0.5394	5.9400e-003	0.1500	4.0100e-003	0.1540	0.0433	3.8400e-003	0.0471	0.0000	575.7470	575.7470	0.0354	0.0000	576.6307
Worker	0.2863	0.2035	2.3533	7.4500e-003	0.8024	5.8500e-003	0.8082	0.2131	5.3800e-003	0.2185	0.0000	673.8545	673.8545	0.0169	0.0000	674.2777
Total	**0.3497**	**2.3863**	**2.8927**	**0.0134**	**0.9523**	**9.8600e-003**	**0.9622**	**0.2564**	**9.2200e-003**	**0.2656**	**0.0000**	**1,249.6014**	**1,249.6014**	**0.0523**	**0.0000**	**1,250.9084**

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	0.0403	0.1747	2.4857	6.6400e-003		5.3700e-003	5.3700e-003		5.3700e-003	5.3700e-003	0.0000	339.2535	339.2535	0.0273	0.0000	339.9354
Total	**0.0403**	**0.1747**	**2.4857**	**6.6400e-003**		**5.3700e-003**	**5.3700e-003**		**5.3700e-003**	**5.3700e-003**	**0.0000**	**339.2535**	**339.2535**	**0.0273**	**0.0000**	**339.9354**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0635	2.1828	0.5394	5.9400e-003	0.1234	4.0100e-003	0.1274	0.0368	3.8400e-003	0.0406	0.0000	575.7470	575.7470	0.0354	0.0000	576.6307
Worker	0.2863	0.2035	2.3533	7.4500e-003	0.6285	5.8500e-003	0.6343	0.1704	5.3800e-003	0.1758	0.0000	673.8545	673.8545	0.0169	0.0000	674.2777
Total	**0.3497**	**2.3863**	**2.8927**	**0.0134**	**0.7519**	**9.8600e-003**	**0.7617**	**0.2072**	**9.2200e-003**	**0.2164**	**0.0000**	**1,249.6014**	**1,249.6014**	**0.0523**	**0.0000**	**1,250.9084**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.6125	5.8926	5.3583	0.0113		0.2668	0.2668		0.2553	0.2553	0.0000	980.2403	980.2403	0.1742	0.0000	984.5956
Total	**0.6125**	**5.8926**	**5.3583**	**0.0113**		**0.2668**	**0.2668**		**0.2553**	**0.2553**	**0.0000**	**980.2403**	**980.2403**	**0.1742**	**0.0000**	**984.5956**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0805	2.7911	0.8195	9.7800e-003	0.2548	3.1700e-003	0.2580	0.0735	3.0300e-003	0.0766	0.0000	948.9023	948.9023	0.0522	0.0000	950.2079
Worker	0.4580	0.3128	3.6872	0.0122	1.3635	9.6700e-003	1.3732	0.3621	8.9100e-003	0.3710	0.0000	1,102.4061	1,102.4061	0.0259	0.0000	1,103.0541
Total	**0.5385**	**3.1039**	**4.5068**	**0.0220**	**1.6184**	**0.0128**	**1.6312**	**0.4357**	**0.0119**	**0.4476**	**0.0000**	**2,051.3083**	**2,051.3083**	**0.0781**	**0.0000**	**2,053.2620**

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	0.0685	0.2968	4.2241	0.0113		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003	0.0000	576.5788	576.5788	0.0437	0.0000	577.6704
Total	**0.0685**	**0.2968**	**4.2241**	**0.0113**		**9.1300e-003**	**9.1300e-003**		**9.1300e-003**	**9.1300e-003**	**0.0000**	**576.5788**	**576.5788**	**0.0437**	**0.0000**	**577.6704**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0805	2.7911	0.8195	9.7800e-003	0.2097	3.1700e-003	0.2129	0.0625	3.0300e-003	0.0655	0.0000	948.9023	948.9023	0.0522	0.0000	950.2079
Worker	0.4580	0.3128	3.6872	0.0122	1.0680	9.6700e-003	1.0777	0.2896	8.9100e-003	0.2985	0.0000	1,102.4061	1,102.4061	0.0259	0.0000	1,103.0541
Total	**0.5385**	**3.1039**	**4.5068**	**0.0220**	**1.2777**	**0.0128**	**1.2906**	**0.3520**	**0.0119**	**0.3640**	**0.0000**	**2,051.3083**	**2,051.3083**	**0.0781**	**0.0000**	**2,053.2620**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5797	5.5083	5.3476	0.0114		0.2398	0.2398		0.2292	0.2292	0.0000	987.8115	987.8115	0.1747	0.0000	992.1778
Total	**0.5797**	**5.5083**	**5.3476**	**0.0114**		**0.2398**	**0.2398**		**0.2292**	**0.2292**	**0.0000**	**987.8115**	**987.8115**	**0.1747**	**0.0000**	**992.1778**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0794	2.8059	0.8018	9.8100e-003	0.2568	3.1600e-003	0.2600	0.0741	3.0200e-003	0.0771	0.0000	952.8233	952.8233	0.0518	0.0000	954.1178
Worker	0.4373	0.2872	3.4656	0.0119	1.3740	9.6200e-003	1.3836	0.3649	8.8600e-003	0.3738	0.0000	1,074.3284	1,074.3284	0.0239	0.0000	1,074.9264
Total	**0.5167**	**3.0931**	**4.2675**	**0.0217**	**1.6308**	**0.0128**	**1.6436**	**0.4390**	**0.0119**	**0.4509**	**0.0000**	**2,027.1517**	**2,027.1517**	**0.0757**	**0.0000**	**2,029.0443**

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	0.0690	0.2991	4.2566	0.0114		9.2000e-003	9.2000e-003		9.2000e-003	9.2000e-003	0.0000	581.0536	581.0536	0.0431	0.0000	582.1311
Total	**0.0690**	**0.2991**	**4.2566**	**0.0114**		**9.2000e-003**	**9.2000e-003**		**9.2000e-003**	**9.2000e-003**	**0.0000**	**581.0536**	**581.0536**	**0.0431**	**0.0000**	**582.1311**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0794	2.8059	0.8018	9.8100e-003	0.2113	3.1600e-003	0.2145	0.0629	3.0200e-003	0.0660	0.0000	952.8233	952.8233	0.0518	0.0000	954.1178
Worker	0.4373	0.2872	3.4656	0.0119	1.0762	9.6200e-003	1.0858	0.2918	8.8600e-003	0.3007	0.0000	1,074.3284	1,074.3284	0.0239	0.0000	1,074.9264
Total	**0.5167**	**3.0931**	**4.2675**	**0.0217**	**1.2876**	**0.0128**	**1.3003**	**0.3548**	**0.0119**	**0.3666**	**0.0000**	**2,027.1517**	**2,027.1517**	**0.0757**	**0.0000**	**2,029.0443**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4939	4.6080	4.8249	0.0103		0.1934	0.1934		0.1847	0.1847	0.0000	897.3920	897.3920	0.1570	0.0000	901.3175
Total	**0.4939**	**4.6080**	**4.8249**	**0.0103**		**0.1934**	**0.1934**		**0.1847**	**0.1847**	**0.0000**	**897.3920**	**897.3920**	**0.1570**	**0.0000**	**901.3175**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0703	2.5262	0.7091	8.8600e-003	0.2333	2.8200e-003	0.2361	0.0673	2.7000e-003	0.0700	0.0000	860.6822	860.6822	0.0463	0.0000	861.8389
Worker	0.3778	0.2386	2.9236	0.0104	1.2481	8.5700e-003	1.2567	0.3315	7.8900e-003	0.3394	0.0000	937.4738	937.4738	0.0198	0.0000	937.9687
Total	**0.4480**	**2.7648**	**3.6327**	**0.0192**	**1.4814**	**0.0114**	**1.4928**	**0.3988**	**0.0106**	**0.4094**	**0.0000**	**1,798.1560**	**1,798.1560**	**0.0661**	**0.0000**	**1,799.8076**

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	0.0627	0.2717	3.8667	0.0103		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	527.8819	527.8819	0.0375	0.0000	528.8197
Total	**0.0627**	**0.2717**	**3.8667**	**0.0103**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**527.8819**	**527.8819**	**0.0375**	**0.0000**	**528.8197**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0703	2.5262	0.7091	8.8600e-003	0.1920	2.8200e-003	0.1948	0.0572	2.7000e-003	0.0599	0.0000	860.6822	860.6822	0.0463	0.0000	861.8389
Worker	0.3778	0.2386	2.9236	0.0104	0.9776	8.5700e-003	0.9862	0.2651	7.8900e-003	0.2730	0.0000	937.4738	937.4738	0.0198	0.0000	937.9687
Total	**0.4480**	**2.7648**	**3.6327**	**0.0192**	**1.1696**	**0.0114**	**1.1810**	**0.3223**	**0.0106**	**0.3328**	**0.0000**	**1,798.1560**	**1,798.1560**	**0.0661**	**0.0000**	**1,799.8076**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8857					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1870	2.0299	0.9759	3.0700e-003		0.0848	0.0848		0.0780	0.0780	0.0000	269.6986	269.6986	0.0872	0.0000	271.8793
Total	**1.0727**	**2.0299**	**0.9759**	**3.0700e-003**		**0.0848**	**0.0848**		**0.0780**	**0.0780**	**0.0000**	**269.6986**	**269.6986**	**0.0872**	**0.0000**	**271.8793**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0535	0.0365	0.4307	1.4200e-003	0.1593	1.1300e-003	0.1604	0.0423	1.0400e-003	0.0433	0.0000	128.7619	128.7619	3.0300e-003	0.0000	128.8376
Total	**0.0535**	**0.0365**	**0.4307**	**1.4200e-003**	**0.1593**	**1.1300e-003**	**0.1604**	**0.0423**	**1.0400e-003**	**0.0433**	**0.0000**	**128.7619**	**128.7619**	**3.0300e-003**	**0.0000**	**128.8376**

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	0.8857					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	3.0700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.8857**	**0.0000**	**0.0000**	**3.0700e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0535	0.0365	0.4307	1.4200e-003	0.1247	1.1300e-003	0.1259	0.0338	1.0400e-003	0.0349	0.0000	128.7619	128.7619	3.0300e-003	0.0000	128.8376
Total	**0.0535**	**0.0365**	**0.4307**	**1.4200e-003**	**0.1247**	**1.1300e-003**	**0.1259**	**0.0338**	**1.0400e-003**	**0.0349**	**0.0000**	**128.7619**	**128.7619**	**3.0300e-003**	**0.0000**	**128.8376**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3042	3.2134	1.6274	5.2900e-003		0.1337	0.1337		0.1230	0.1230	0.0000	464.8654	464.8654	0.1504	0.0000	468.6240
Total	**1.8309**	**3.2134**	**1.6274**	**5.2900e-003**		**0.1337**	**0.1337**		**0.1230**	**0.1230**	**0.0000**	**464.8654**	**464.8654**	**0.1504**	**0.0000**	**468.6240**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0874	0.0574	0.6924	2.3700e-003	0.2745	1.9200e-003	0.2764	0.0729	1.7700e-003	0.0747	0.0000	214.6409	214.6409	4.7800e-003	0.0000	214.7604
Total	**0.0874**	**0.0574**	**0.6924**	**2.3700e-003**	**0.2745**	**1.9200e-003**	**0.2764**	**0.0729**	**1.7700e-003**	**0.0747**	**0.0000**	**214.6409**	**214.6409**	**4.7800e-003**	**0.0000**	**214.7604**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	5.2900e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5267**	**0.0000**	**0.0000**	**5.2900e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0874	0.0574	0.6924	2.3700e-003	0.2150	1.9200e-003	0.2169	0.0583	1.7700e-003	0.0601	0.0000	214.6409	214.6409	4.7800e-003	0.0000	214.7604
Total	**0.0874**	**0.0574**	**0.6924**	**2.3700e-003**	**0.2150**	**1.9200e-003**	**0.2169**	**0.0583**	**1.7700e-003**	**0.0601**	**0.0000**	**214.6409**	**214.6409**	**4.7800e-003**	**0.0000**	**214.7604**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5209					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2858	2.8939	1.5863	5.2700e-003		0.1230	0.1230		0.1132	0.1132	0.0000	463.1067	463.1067	0.1498	0.0000	466.8512
Total	**1.8066**	**2.8939**	**1.5863**	**5.2700e-003**		**0.1230**	**0.1230**		**0.1132**	**0.1132**	**0.0000**	**463.1067**	**463.1067**	**0.1498**	**0.0000**	**466.8512**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0828	0.0523	0.6406	2.2700e-003	0.2735	1.8800e-003	0.2753	0.0726	1.7300e-003	0.0744	0.0000	205.3989	205.3989	4.3400e-003	0.0000	205.5074
Total	**0.0828**	**0.0523**	**0.6406**	**2.2700e-003**	**0.2735**	**1.8800e-003**	**0.2753**	**0.0726**	**1.7300e-003**	**0.0744**	**0.0000**	**205.3989**	**205.3989**	**4.3400e-003**	**0.0000**	**205.5074**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5209					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	5.2700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5209**	**0.0000**	**0.0000**	**5.2700e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0828	0.0523	0.6406	2.2700e-003	0.2142	1.8800e-003	0.2161	0.0581	1.7300e-003	0.0598	0.0000	205.3989	205.3989	4.3400e-003	0.0000	205.5074
Total	**0.0828**	**0.0523**	**0.6406**	**2.2700e-003**	**0.2142**	**1.8800e-003**	**0.2161**	**0.0581**	**1.7300e-003**	**0.0598**	**0.0000**	**205.3989**	**205.3989**	**4.3400e-003**	**0.0000**	**205.5074**

3.6 Architectural Coating - 2026

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	0.1282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0241	0.2439	0.1337	4.4000e-004		0.0104	0.0104		9.5400e-003	9.5400e-003	0.0000	39.0358	39.0358	0.0126	0.0000	39.3514
Total	**0.1523**	**0.2439**	**0.1337**	**4.4000e-004**		**0.0104**	**0.0104**		**9.5400e-003**	**9.5400e-003**	**0.0000**	**39.0358**	**39.0358**	**0.0126**	**0.0000**	**39.3514**

3.6 Architectural Coating - 2026

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	6.6700e-003	4.0600e-003	0.0505	1.8000e-004	0.0231	1.5000e-004	0.0232	6.1200e-003	1.4000e-004	6.2600e-003	0.0000	16.6995	16.6995	3.3000e-004	0.0000	16.7079
Total	**6.6700e-003**	**4.0600e-003**	**0.0505**	**1.8000e-004**	**0.0231**	**1.5000e-004**	**0.0232**	**6.1200e-003**	**1.4000e-004**	**6.2600e-003**	**0.0000**	**16.6995**	**16.6995**	**3.3000e-004**	**0.0000**	**16.7079**

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	0.1282					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	4.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1282**	**0.0000**	**0.0000**	**4.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2026

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	6.6700e-003	4.0600e-003	0.0505	1.8000e-004	0.0181	1.5000e-004	0.0182	4.9000e-003	1.4000e-004	5.0400e-003	0.0000	16.6995	16.6995	3.3000e-004	0.0000	16.7079
Total	**6.6700e-003**	**4.0600e-003**	**0.0505**	**1.8000e-004**	**0.0181**	**1.5000e-004**	**0.0182**	**4.9000e-003**	**1.4000e-004**	**5.0400e-003**	**0.0000**	**16.6995**	**16.6995**	**3.3000e-004**	**0.0000**	**16.7079**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5336	4.8499	4.5846	9.9700e-003		0.2008	0.2008		0.1886	0.1886	0.0000	858.8982	858.8982	0.2205	0.0000	864.4096
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.5336**	**4.8499**	**4.5846**	**9.9700e-003**		**0.2008**	**0.2008**		**0.1886**	**0.1886**	**0.0000**	**858.8982**	**858.8982**	**0.2205**	**0.0000**	**864.4096**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0251	0.0159	0.1945	6.9000e-004	0.0830	5.7000e-004	0.0836	0.0221	5.2000e-004	0.0226	0.0000	62.3725	62.3725	1.3200e-003	0.0000	62.4054
Total	**0.0251**	**0.0159**	**0.1945**	**6.9000e-004**	**0.0830**	**5.7000e-004**	**0.0836**	**0.0221**	**5.2000e-004**	**0.0226**	**0.0000**	**62.3725**	**62.3725**	**1.3200e-003**	**0.0000**	**62.4054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0800	0.3532	4.2365	9.9700e-003		0.0112	0.0112		0.0111	0.0111	0.0000	660.4231	660.4231	0.1563	0.0000	664.3297
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0800**	**0.3532**	**4.2365**	**9.9700e-003**		**0.0112**	**0.0112**		**0.0111**	**0.0111**	**0.0000**	**660.4231**	**660.4231**	**0.1563**	**0.0000**	**664.3297**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0251	0.0159	0.1945	6.9000e-004	0.0650	5.7000e-004	0.0656	0.0176	5.2000e-004	0.0182	0.0000	62.3725	62.3725	1.3200e-003	0.0000	62.4054
Total	**0.0251**	**0.0159**	**0.1945**	**6.9000e-004**	**0.0650**	**5.7000e-004**	**0.0656**	**0.0176**	**5.2000e-004**	**0.0182**	**0.0000**	**62.3725**	**62.3725**	**1.3200e-003**	**0.0000**	**62.4054**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive 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	0.6148	3.5671	6.5634	0.0298	2.9081	0.0185	2.9265	0.7790	0.0171	0.7961	0.0000	2,778.5947	2,778.5947	0.1197	0.0000	2,781.5865
Unmitigated	0.7027	4.0284	8.6648	0.0412	4.1544	0.0251	4.1795	1.1128	0.0233	1.1361	0.0000	3,834.5454	3,834.5454	0.1562	0.0000	3,838.4502

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	3.50	102.00	75.30	80,078	56,054
Condo/Townhouse High Rise	1,313.50	1,594.70	1269.10	4,601,241	3,220,869
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	900.09	1,270.80	1057.86	2,659,879	1,861,915
Hotel	605.28	638.82	464.10	1,407,609	985,326
Office Park	0.00	0.00	0.00		
Quality Restaurant	269.29	470.38	359.72	442,658	309,861
Recreational Swimming Pool	72.96	72.96	72.96	177,695	124,386
Regional Shopping Center	555.35	1,176.90	371.20	1,567,616	1,097,331
Total	3,719.97	5,326.56	3,670.24	10,936,776	7,655,743

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.00	19.00	41.00	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	80	20	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Condo/Townhouse High Rise	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Enclosed Parking with Elevator	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
High Turnover (Sit Down Restaurant)	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Hotel	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Office Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Quality Restaurant	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Recreational Swimming Pool	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Regional Shopping Center	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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	1,494.2322	1,494.2322	0.0633	0.0127	1,499.5906
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,508.2193	1,508.2193	0.0639	0.0128	1,513.6279
NaturalGas Mitigated	0.0762	0.6828	0.5084	4.1600e-003		0.0527	0.0527		0.0527	0.0527	0.0000	754.1894	754.1894	0.0145	0.0138	758.6712
NaturalGas Unmitigated	0.0762	0.6828	0.5084	4.1600e-003		0.0527	0.0527		0.0527	0.0527	0.0000	754.1894	754.1894	0.0145	0.0138	758.6712

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					
City Park	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
Condo/Townhouse High Rise	3.41027e+006	0.0184	0.1571	0.0669	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.9849	181.9849	3.4900e-003	3.3400e-003	183.0663
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.31406e+006	0.0125	0.1134	0.0953	6.8000e-004		8.6200e-003	8.6200e-003		8.6200e-003	8.6200e-003	0.0000	123.4871	123.4871	2.3700e-003	2.2600e-003	124.2209
Hotel	5.76911e+006	0.0311	0.2828	0.2376	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	307.8616	307.8616	5.9000e-003	5.6400e-003	309.6911
Office Park	296010	1.6000e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	15.7962	15.7962	3.0000e-004	2.9000e-004	15.8901
Quality Restaurant	2.30045e+006	0.0124	0.1128	0.0947	6.8000e-004		8.5700e-003	8.5700e-003		8.5700e-003	8.5700e-003	0.0000	122.7606	122.7606	2.3500e-003	2.2500e-003	123.4901
Recreational Swimming Pool	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
Regional Shopping Center	43081.2	2.3000e-004	2.1100e-003	1.7700e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2990	2.2990	4.0000e-005	4.0000e-005	2.3126
Total		**0.0762**	**0.6828**	**0.5084**	**4.1600e-003**		**0.0526**	**0.0526**		**0.0526**	**0.0526**	**0.0000**	**754.1894**	**754.1894**	**0.0145**	**0.0138**	**758.6712**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	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
Condo/Townhouse High Rise	3.41027e+006	0.0184	0.1571	0.0669	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.9849	181.9849	3.4900e-003	3.3400e-003	183.0663
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.31406e+006	0.0125	0.1134	0.0953	6.8000e-004		8.6200e-003	8.6200e-003		8.6200e-003	8.6200e-003	0.0000	123.4871	123.4871	2.3700e-003	2.2600e-003	124.2209
Hotel	5.76911e+006	0.0311	0.2828	0.2376	1.7000e-003		0.0215	0.0215		0.0215	0.0215	0.0000	307.8616	307.8616	5.9000e-003	5.6400e-003	309.6911
Office Park	296010	1.6000e-003	0.0145	0.0122	9.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	15.7962	15.7962	3.0000e-004	2.9000e-004	15.8901
Quality Restaurant	2.30045e+006	0.0124	0.1128	0.0947	6.8000e-004		8.5700e-003	8.5700e-003		8.5700e-003	8.5700e-003	0.0000	122.7606	122.7606	2.3500e-003	2.2500e-003	123.4901
Recreational Swimming Pool	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
Regional Shopping Center	43081.2	2.3000e-004	2.1100e-003	1.7700e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2990	2.2990	4.0000e-005	4.0000e-005	2.3126
Total		**0.0762**	**0.6828**	**0.5084**	**4.1600e-003**		**0.0526**	**0.0526**		**0.0526**	**0.0526**	**0.0000**	**754.1894**	**754.1894**	**0.0145**	**0.0138**	**758.6712**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.5613e+006	250.6091	0.0106	2.1200e-003	251.5078
Enclosed Parking with Elevator	5.10758e+006	819.8310	0.0348	6.9500e-003	822.7709
High Turnover (Sit Down Restaurant)	333531	53.5360	2.2700e-003	4.5000e-004	53.7280
Hotel	1.43145e+006	229.7661	9.7400e-003	1.9500e-003	230.5901
Office Park	333201	53.4830	2.2700e-003	4.5000e-004	53.6748
Quality Restaurant	331569	53.2210	2.2600e-003	4.5000e-004	53.4119
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	297628	47.7731	2.0300e-003	4.1000e-004	47.9444
Total		**1,508.2193**	**0.0639**	**0.0128**	**1,513.6279**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.52203e+006	244.3045	0.0104	2.0700e-003	245.1805
Enclosed Parking with Elevator	5.10758e+006	819.8310	0.0348	6.9500e-003	822.7709
High Turnover (Sit Down Restaurant)	333531	53.5360	2.2700e-003	4.5000e-004	53.7280
Hotel	1.39969e+006	224.6688	9.5200e-003	1.9000e-003	225.4745
Office Park	333201	53.4830	2.2700e-003	4.5000e-004	53.6748
Quality Restaurant	315464	50.6360	2.1500e-003	4.3000e-004	50.8176
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	297628	47.7731	2.0300e-003	4.1000e-004	47.9444
Total		**1,494.2322**	**0.0634**	**0.0127**	**1,499.5906**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.4393	0.1132	3.8651	6.4000e-004		0.0269	0.0269		0.0269	0.0269	0.0000	86.2574	86.2574	7.6200e-003	1.4700e-003	86.8849
Unmitigated	5.4393	0.1132	3.8651	6.4000e-004		0.0269	0.0269		0.0269	0.0269	0.0000	86.2574	86.2574	7.6200e-003	1.4700e-003	86.8849

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	0.4062					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9084					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	8.0800e-003	0.0691	0.0294	4.4000e-004		5.5800e-003	5.5800e-003		5.5800e-003	5.5800e-003	0.0000	79.9657	79.9657	1.5300e-003	1.4700e-003	80.4409
Landscaping	0.1166	0.0441	3.8358	2.0000e-004		0.0213	0.0213		0.0213	0.0213	0.0000	6.2918	6.2918	6.0900e-003	0.0000	6.4440
Total	**5.4393**	**0.1132**	**3.8651**	**6.4000e-004**		**0.0269**	**0.0269**		**0.0269**	**0.0269**	**0.0000**	**86.2574**	**86.2574**	**7.6200e-003**	**1.4700e-003**	**86.8849**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4062					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9084					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	8.0800e-003	0.0691	0.0294	4.4000e-004		5.5800e-003	5.5800e-003		5.5800e-003	5.5800e-003	0.0000	79.9657	79.9657	1.5300e-003	1.4700e-003	80.4409
Landscaping	0.1166	0.0441	3.8358	2.0000e-004		0.0213	0.0213		0.0213	0.0213	0.0000	6.2918	6.2918	6.0900e-003	0.0000	6.4440
Total	**5.4393**	**0.1132**	**3.8651**	**6.4000e-004**		**0.0269**	**0.0269**		**0.0269**	**0.0269**	**0.0000**	**86.2574**	**86.2574**	**7.6200e-003**	**1.4700e-003**	**86.8849**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	140.0946	0.0457	0.0265	149.1311
Unmitigated	160.2683	0.0564	0.0330	171.5108

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.9148	21.2476	9.0000e-004	1.8000e-004	21.3238
Condo/Townhouse High Rise	24.107 / 15.1979	86.0159	0.0326	0.0192	92.5550
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	3.04444 / 0.194326	7.7867	3.9900e-003	2.4000e-003	8.6015
Hotel	1.97861 / 0.219845	5.2275	2.6000e-003	1.5600e-003	5.7576
Office Park	5.37467 / 3.29415	19.0093	7.2700e-003	4.2800e-003	20.4666
Quality Restaurant	3.02623 / 0.193164	7.7401	3.9700e-003	2.3800e-003	8.5500
Recreational Swimming Pool	1.79795 / 1.10197	6.3590	2.4300e-003	1.4300e-003	6.8465
Regional Shopping Center	1.94589 / 1.19264	6.8823	2.6300e-003	1.5500e-003	7.4099
Total		**160.2683**	**0.0564**	**0.0330**	**171.5108**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.9148	21.2476	9.0000e-004	1.8000e-004	21.3238
Condo/Townhouse High Rise	19.2856 / 15.1979	74.2332	0.0263	0.0154	79.4839
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	2.43555 / 0.194326	6.2986	3.2000e-003	1.9200e-003	6.9507
Hotel	1.58289 / 0.219845	4.2604	2.0800e-003	1.2500e-003	4.6848
Office Park	4.29973 / 3.29415	16.3823	5.8700e-003	3.4300e-003	17.5524
Quality Restaurant	2.42098 / 0.193164	6.2610	3.1800e-003	1.9100e-003	6.9091
Recreational Swimming Pool	1.43836 / 1.10197	5.4803	1.9600e-003	1.1500e-003	5.8717
Regional Shopping Center	1.55671 / 1.19264	5.9312	2.1200e-003	1.2400e-003	6.3548
Total		**140.0945**	**0.0457**	**0.0265**	**149.1311**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	92.7588	5.4819	0.0000	229.8059
Unmitigated	115.9484	6.8524	0.0000	287.2574

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.86	0.1746	0.0103	0.0000	0.4325
Condo/Townhouse High Rise	170.2	34.5491	2.0418	0.0000	85.5938
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	119.36	24.2290	1.4319	0.0000	60.0263
Hotel	42.7	8.6677	0.5123	0.0000	21.4739
Office Park	28.12	5.7081	0.3373	0.0000	14.1416
Quality Restaurant	9.1	1.8472	0.1092	0.0000	4.5764
Recreational Swimming Pool	173.28	35.1743	2.0787	0.0000	87.1428
Regional Shopping Center	27.58	5.5985	0.3309	0.0000	13.8700
Total		**115.9484**	**6.8524**	**0.0000**	**287.2574**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.688	0.1397	8.2500e-003	0.0000	0.3460
Condo/Townhouse High Rise	136.16	27.6393	1.6334	0.0000	68.4751
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	95.488	19.3832	1.1455	0.0000	48.0211
Hotel	34.16	6.9342	0.4098	0.0000	17.1791
Office Park	22.496	4.5665	0.2699	0.0000	11.3133
Quality Restaurant	7.28	1.4778	0.0873	0.0000	3.6611
Recreational Swimming Pool	138.624	28.1394	1.6630	0.0000	69.7142
Regional Shopping Center	22.064	4.4788	0.2647	0.0000	11.0960
Total		**92.7587**	**5.4819**	**0.0000**	**229.8059**

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

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-09959 One Beverly Hills - Proposed Project

Vehicle Population Breakdown*	
13012853	Gasoline vehicles
689595	Diesel vehicles
95.0%	Gasoline vehicle %
5.0%	Diesel vehicle %

VMT per Vehicle Type	
7,655,743	Project VMT (CalEEMod output)
7270457	Gasoline vehicle VMT
385286	Diesel vehicle VMT

Gasoline Vehicles	
95.0%	Gasoline vehicle %
3.5671	Tons per year mobile NOX emissions (annual output in CalEEMod)
3.39	Gasoline vehicle tons per year NOX emissions
0.1433	Tons per year N2O emissions for gasoline vehicles**
0.1300	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.24	Diesel average miles per gallon*
0.06885	grams per mile N2O for diesel vehicles
26528.1	grams per year N2O for diesel vehicles
0.0265281	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.1565	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
46.6	**CO2e emissions per year from N2O emissions from gasoline + diesel vehicles**

Sources
***Vehicle population source:** Source: EMFAC2017 (v1.0.3) Emissions Inventory Region Type: Air District Region: South Coast AQMD Calendar Year: 2030 Season: Annual Vehicle Classification: EMFAC2011 Categories ****Methodology source:** EMFAC2017 Volume III - Technical Documentation https://www.arb.ca.gov/msei/emfac2011-faq.htm *****GWP source:** Intergovernmental Panel on Climate Change (IPCC). 2007. AR4 Climate Change 2007: The Physical Science Basis. Contrbution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.

One Beverly Hilton - Existing Uses - 2030 - Proposed Project

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Convenience Market With Gas Pumps	3.52	1000sqft	0.00	3,521.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	353.87	**CH4 Intensity (lb/MWhr)**	0.015	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE adjusted for RPS for 2030

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P. All trips allocated to hotel.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	170,548.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	511,644.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblGrading	AcresOfGrading	0.00	75.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00

tblLandUse	LandUseSquareFeet	3,520.00	3,521.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00
tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.08	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00

tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.015
tblProjectCharacteristics	CO2IntensityFactor	702.44	353.87
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	369.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	65.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	14.00	79.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1,448.33	724.17
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1,182.08	591.04
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00

tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	845.60	408.52
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	0.0398	0.0000	0.0398	4.2900e-003	0.0000	4.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0398**	**0.0000**	**0.0398**	**4.2900e-003**	**0.0000**	**4.2900e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0000	0.0000	0.0000	0.0000	0.0398	0.0000	0.0398	4.2900e-003	0.0000	4.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0398**	**0.0000**	**0.0398**	**4.2900e-003**	**0.0000**	**4.2900e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4317	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393
Energy	0.0484	0.4400	0.3696	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	1,243.5972	1,243.5972	0.0416	0.0153	1,249.1854
Mobile	0.5875	3.3839	6.8662	0.0321	3.2032	0.0197	3.2229	0.8580	0.0183	0.8763	0.0000	2,991.7281	2,991.7281	0.1243	0.0000	2,994.8351
Waste						0.0000	0.0000		0.0000	0.0000	35.4443	0.0000	35.4443	2.0947	0.0000	87.8116
Water						0.0000	0.0000		0.0000	0.0000	3.5644	28.4912	32.0556	0.0135	7.9900e-003	34.7745
Total	**2.0676**	**3.8241**	**7.2546**	**0.0348**	**3.2032**	**0.0532**	**3.2564**	**0.8580**	**0.0518**	**0.9098**	**39.0087**	**4,263.8535**	**4,302.8622**	**2.2742**	**0.0233**	**4,366.6459**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4317	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393
Energy	0.0484	0.4400	0.3696	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	1,243.5972	1,243.5972	0.0416	0.0153	1,249.1854
Mobile	0.5197	3.0283	5.2459	0.0234	2.2423	0.0146	2.2569	0.6006	0.0135	0.6142	0.0000	2,177.5388	2,177.5388	0.0961	0.0000	2,179.9417
Waste						0.0000	0.0000		0.0000	0.0000	28.3554	0.0000	28.3554	1.6758	0.0000	70.2493
Water						0.0000	0.0000		0.0000	0.0000	3.5644	28.4912	32.0556	0.0135	7.9900e-003	34.7745
Total	**1.9998**	**3.4684**	**5.6343**	**0.0260**	**2.2423**	**0.0481**	**2.2904**	**0.6006**	**0.0470**	**0.6477**	**31.9198**	**3,449.6641**	**3,481.5840**	**1.8271**	**0.0233**	**3,534.1902**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**3.28**	**9.30**	**22.33**	**25.22**	**30.00**	**9.55**	**29.67**	**30.00**	**9.14**	**28.81**	**18.17**	**19.10**	**19.09**	**19.66**	**0.00**	**19.06**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

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	tons/yr										MT/yr					
Fugitive Dust					0.0398	0.0000	0.0398	4.2900e-003	0.0000	4.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0398**	**0.0000**	**0.0398**	**4.2900e-003**	**0.0000**	**4.2900e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0398	0.0000	0.0398	4.2900e-003	0.0000	4.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0398**	**0.0000**	**0.0398**	**4.2900e-003**	**0.0000**	**4.2900e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2020

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2022

Mitigated Construction Off-Site

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

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive 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	0.5197	3.0283	5.2459	0.0234	2.2423	0.0146	2.2569	0.6006	0.0135	0.6142	0.0000	2,177.5388	2,177.5388	0.0961	0.0000	2,179.9417
Unmitigated	0.5875	3.3839	6.8662	0.0321	3.2032	0.0197	3.2229	0.8580	0.0183	0.8763	0.0000	2,991.7281	2,991.7281	0.1243	0.0000	2,994.8351

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Convenience Market With Gas Pumps	1,437.99	2,549.08	2080.46	4,236,012	2,965,208
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	3,246.74	4,564.58	3,558.60	8,432,787	5,902,951

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Convenience Market With Gas	16.60	8.40	6.90	0.80	80.20	19.00	79	21	0
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Convenience Market With Gas Pumps	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Hotel	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Office Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Quality Restaurant	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Recreational Swimming Pool	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Regional Shopping Center	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Unenclosed Parking with Elevator	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2030 - Proposed Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	764.6524	764.6524	0.0324	6.4800e-003	767.3945
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	764.6524	764.6524	0.0324	6.4800e-003	767.3945
NaturalGas Mitigated	0.0484	0.4400	0.3696	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	478.9448	478.9448	9.1800e-003	8.7800e-003	481.7910
NaturalGas Unmitigated	0.0484	0.4400	0.3696	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	478.9448	478.9448	9.1800e-003	8.7800e-003	481.7910

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					
City Park	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
Convenience Market With Gas Pumps	6408.22	3.0000e-005	3.1000e-004	2.6000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.3420	0.3420	1.0000e-005	1.0000e-005	0.3440
Hotel	8.14492e+006	0.0439	0.3993	0.3354	2.4000e-003		0.0303	0.0303		0.0303	0.0303	0.0000	434.6440	434.6440	8.3300e-003	7.9700e-003	437.2269
Office Park	207434	1.1200e-003	0.0102	8.5400e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0695	11.0695	2.1000e-004	2.0000e-004	11.1352
Quality Restaurant	611654	3.3000e-003	0.0300	0.0252	1.8000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	32.6402	32.6402	6.3000e-004	6.0000e-004	32.8341
Recreational Swimming Pool	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
Regional Shopping Center	4670.12	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2492	0.2492	0.0000	0.0000	0.2507
Unenclosed 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
Total		**0.0484**	**0.4400**	**0.3696**	**2.6400e-003**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**478.9448**	**478.9448**	**9.1800e-003**	**8.7800e-003**	**481.7910**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	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
Convenience Market With Gas Pumps	6408.22	3.0000e-005	3.1000e-004	2.6000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.3420	0.3420	1.0000e-005	1.0000e-005	0.3440
Hotel	8.14492e+006	0.0439	0.3993	0.3354	2.4000e-003		0.0303	0.0303		0.0303	0.0303	0.0000	434.6440	434.6440	8.3300e-003	7.9700e-003	437.2269
Office Park	207434	1.1200e-003	0.0102	8.5400e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0695	11.0695	2.1000e-004	2.0000e-004	11.1352
Quality Restaurant	611654	3.3000e-003	0.0300	0.0252	1.8000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	32.6402	32.6402	6.3000e-004	6.0000e-004	32.8341
Recreational Swimming Pool	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
Regional Shopping Center	4670.12	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2492	0.2492	0.0000	0.0000	0.2507
Unenclosed 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
Total		**0.0484**	**0.4400**	**0.3696**	**2.6400e-003**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**478.9448**	**478.9448**	**9.1800e-003**	**8.7800e-003**	**481.7910**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Convenience Market With Gas Pumps	56195.2	9.0200	3.8000e-004	8.0000e-005	9.0524
Hotel	2.85466e+006	458.2094	0.0194	3.8800e-003	459.8526
Office Park	288295	46.2750	1.9600e-003	3.9000e-004	46.4409
Quality Restaurant	126115	20.2431	8.6000e-004	1.7000e-004	20.3157
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	40953.4	6.5735	2.8000e-004	6.0000e-005	6.5971
Unenclosed Parking with Elevator	1.39759e+006	224.3313	9.5100e-003	1.9000e-003	225.1358
Total		**764.6524**	**0.0324**	**6.4800e-003**	**767.3945**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Convenience Market With Gas Pumps	56195.2	9.0200	3.8000e-004	8.0000e-005	9.0524
Hotel	2.85466e+006	458.2094	0.0194	3.8800e-003	459.8526
Office Park	288295	46.2750	1.9600e-003	3.9000e-004	46.4409
Quality Restaurant	126115	20.2431	8.6000e-004	1.7000e-004	20.3157
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	40953.4	6.5735	2.8000e-004	6.0000e-005	6.5971
Unenclosed Parking with Elevator	1.39759e+006	224.3313	9.5100e-003	1.9000e-003	225.1358
Total		**764.6524**	**0.0324**	**6.4800e-003**	**767.3945**

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	1.4317	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393
Unmitigated	1.4317	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393

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	0.1650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393
Total	**1.4317**	**1.7000e-004**	**0.0189**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0369**	**0.0369**	**1.0000e-004**	**0.0000**	**0.0393**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2650					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7300e-003	1.7000e-004	0.0189	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0369	0.0369	1.0000e-004	0.0000	0.0393
Total	**1.4317**	**1.7000e-004**	**0.0189**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0369**	**0.0369**	**1.0000e-004**	**0.0000**	**0.0393**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	32.0556	0.0135	7.9900e-003	34.7745
Unmitigated	32.0556	0.0135	7.9900e-003	34.7745

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	2.1248	9.0000e-005	2.0000e-005	2.1324
Convenience Market With Gas Pumps	0.260735 / 0.159805	0.9222	3.5000e-004	2.1000e-004	0.9929
Hotel	5.50459 / 0.611621	14.5430	7.2400e-003	4.3400e-003	16.0179
Office Park	3.07835 / 1.88673	10.8876	4.1600e-003	2.4500e-003	11.7223
Quality Restaurant	0.792223 / 0.0505674	2.0262	1.0400e-003	6.2000e-004	2.2383
Recreational Swimming Pool	0.248401 / 0.152246	0.8786	3.4000e-004	2.0000e-004	0.9459
Regional Shopping Center	0.190366 / 0.116676	0.6733	2.6000e-004	1.5000e-004	0.7249
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**32.0556**	**0.0135**	**7.9900e-003**	**34.7745**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	2.1248	9.0000e-005	2.0000e-005	2.1324
Convenience Market With Gas Pumps	0.260735 / 0.159805	0.9222	3.5000e-004	2.1000e-004	0.9929
Hotel	5.50459 / 0.611621	14.5430	7.2400e-003	4.3400e-003	16.0179
Office Park	3.07835 / 1.88673	10.8876	4.1600e-003	2.4500e-003	11.7223
Quality Restaurant	0.792223 / 0.0505674	2.0262	1.0400e-003	6.2000e-004	2.2383
Recreational Swimming Pool	0.248401 / 0.152246	0.8786	3.4000e-004	2.0000e-004	0.9459
Regional Shopping Center	0.190366 / 0.116676	0.6733	2.6000e-004	1.5000e-004	0.7249
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**32.0556**	**0.0135**	**7.9900e-003**	**34.7745**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	28.3554	1.6758	0.0000	70.2493
Unmitigated	35.4443	2.0947	0.0000	87.8116

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.09	0.0183	1.0800e-003	0.0000	0.0453
Convenience Market With Gas Pumps	10.58	2.1476	0.1269	0.0000	5.3207
Hotel	118.81	24.1174	1.4253	0.0000	59.7497
Office Park	16.11	3.2702	0.1933	0.0000	8.1017
Quality Restaurant	2.38	0.4831	0.0286	0.0000	1.1969
Recreational Swimming Pool	23.94	4.8596	0.2872	0.0000	12.0395
Regional Shopping Center	2.7	0.5481	0.0324	0.0000	1.3578
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**35.4443**	**2.0947**	**0.0000**	**87.8116**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.072	0.0146	8.6000e-004	0.0000	0.0362
Convenience Market With Gas Pumps	8.464	1.7181	0.1015	0.0000	4.2566
Hotel	95.048	19.2939	1.1402	0.0000	47.7998
Office Park	12.888	2.6162	0.1546	0.0000	6.4814
Quality Restaurant	1.904	0.3865	0.0228	0.0000	0.9575
Recreational Swimming Pool	19.152	3.8877	0.2298	0.0000	9.6316
Regional Shopping Center	2.16	0.4385	0.0259	0.0000	1.0863
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**28.3554**	**1.6758**	**0.0000**	**70.2493**

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

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-09959 One Beverly Hills - Existing Uses - Proposed Project

Vehicle Population Breakdown*	
13012853	Gasoline vehicles
689595	Diesel vehicles
95.0%	Gasoline vehicle %
5.0%	Diesel vehicle %

VMT per Vehicle Type	
5,902,951	Project VMT (CalEEMod output)
5605877	Gasoline vehicle VMT
297074	Diesel vehicle VMT

Gasoline Vehicles	
95.0%	Gasoline vehicle %
3.0283	Tons per year mobile NOX emissions (annual output in CalEEMod)
2.88	Gasoline vehicle tons per year NOX emissions
0.1278	Tons per year N2O emissions for gasoline vehicles**
0.1160	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.24	Diesel average miles per gallon*
0.06885	grams per mile N2O for diesel vehicles
20454.5	grams per year N2O for diesel vehicles
0.0204545	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.1364	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
40.7	**CO2e emissions per year from N2O emissions from gasoline + diesel vehicles**

Sources
***Vehicle population source:** Source: EMFAC2017 (v1.0.3) Emissions Inventory Region Type: Air District Region: South Coast AQMD Calendar Year: 2030 Season: Annual Vehicle Classification: EMFAC2011 Categories ****Methodology source:** EMFAC2017 Volume III - Technical Documentation https://www.arb.ca.gov/msei/emfac2011-faq.htm *****GWP source:** Intergovernmental Panel on Climate Change (IPCC). 2007. AR4 Climate Change 2007: The Physical Science Basis. Contrbution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.

One Beverly Hilton - Existing Specific Plans - 2030

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	25.34	1000sqft	0.00	25,340.00	0
Unenclosed Parking with Elevator	3,323.00	Space	0.00	1,329,200.00	0
City Park	3.28	Acre	0.00	142,876.80	0
Health Club	7.37	1000sqft	0.00	7,370.00	0
Hotel	134.00	Room	17.40	194,568.00	0
Quality Restaurant	21.53	1000sqft	0.00	21,529.00	0
Recreational Swimming Pool	5.68	1000sqft	0.00	5,680.00	0
Condo/Townhouse High Rise	303.00	Dwelling Unit	0.00	1,068,676.00	867
Regional Shopping Center	8.37	1000sqft	0.00	8,365.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	353.87	**CH4 Intensity (lb/MWhr)**	0.015	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE adjusted for RPS for 2030

Land Use - Based on trip gen memo from F&P and 2008/2016 EIRs. All lot acreage allocated to hotel land uses. Office Park is proxy for meeting rooms.

Construction Phase - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Off-road Equipment - Provided by applicant.

Trips and VMT - Haul truck capacity of 14 CY. Haul trip destination of Irwindale.

Demolition - Based on Existing Specific Plans EIRs

Grading - Based on Existing Specific Plans EIRs

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Trip generation from F&P memo - all allocated to residential because nonres trips would be offset by decrease in nonres uses

Woodstoves - SCAQMD Rule 445

Area Coating - SCAQMD Rule 1113

Energy Use - Non-residential electricity usage reduced by 30% for 2019 Standards

Water And Wastewater - All wastewater treated by Hyperion with no septic tanks or facultative lagoons

Solid Waste -

Construction Off-road Equipment Mitigation - Applicant specified cranes would be electric and all equipment would be Tier 4. SCAQMD Rule 403 compliance.

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Energy Mitigation - Energy efficient appliances

Water Mitigation - Compliance with CALGreen

Waste Mitigation - Adjusted to account for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	110.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	697.00
tblConstructionPhase	NumDays	300.00	913.00
tblConstructionPhase	NumDays	20.00	305.00
tblConstructionPhase	NumDays	30.00	217.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	NT24E	5.75	4.03
tblEnergyUse	NT24E	2.89	2.02
tblEnergyUse	NT24E	4.79	3.35
tblEnergyUse	NT24E	28.16	19.71
tblEnergyUse	NT24E	3.23	2.26
tblEnergyUse	T24E	2.25	1.55
tblEnergyUse	T24E	2.55	1.79
tblEnergyUse	T24E	5.62	3.93
tblEnergyUse	T24E	8.11	5.68
tblEnergyUse	T24E	4.01	2.81
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	257.55	272.70
tblFireplaces	NumberWood	15.15	0.00
tblGrading	MaterialExported	0.00	634,487.00
tblLandUse	LandUseSquareFeet	21,530.00	21,529.00
tblLandUse	LandUseSquareFeet	303,000.00	1,068,676.00
tblLandUse	LandUseSquareFeet	8,370.00	8,365.00
tblLandUse	LotAcreage	0.58	0.00
tblLandUse	LotAcreage	29.91	0.00
tblLandUse	LotAcreage	3.28	0.00

tblLandUse	LotAcreage	0.17	0.00
tblLandUse	LotAcreage	4.47	17.40
tblLandUse	LotAcreage	0.49	0.00
tblLandUse	LotAcreage	0.13	0.00
tblLandUse	LotAcreage	4.73	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	7.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.015
tblProjectCharacteristics	CO2IntensityFactor	702.43634	353.87
tblProjectCharacteristics	N2OIntensityFactor	0.00617	0.003
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripLength	20.00	35.00
tblTripsAndVMT	HaulingTripNumber	929.00	1,062.00
tblTripsAndVMT	HaulingTripNumber	79,311.00	90,642.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	4.31	9.03
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	8.19	0.00

tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	3.43	9.03
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	4.18	9.03
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	8.17	0.00
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
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tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	15.15	0.00
tblWoodstoves	NumberNoncatalytic	15.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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					
2021	0.1483	1.3812	0.9871	2.1500e-003	0.2002	0.0597	0.2598	0.0870	0.0555	0.1425	0.0000	185.2286	185.2286	0.0469	0.0000	186.4014
2022	2.8725	34.7694	19.8446	0.1013	3.7168	0.7440	4.4607	1.1626	0.7089	1.8715	0.0000	9,443.5924	9,443.5924	0.9413	0.0000	9,467.1242
2023	2.2856	11.1121	11.2328	0.0378	1.7623	0.3655	2.1278	0.4740	0.3462	0.8202	0.0000	3,431.9767	3,431.9767	0.3432	0.0000	3,440.5576
2024	3.0329	11.9219	11.8959	0.0407	1.8887	0.3881	2.2768	0.5076	0.3658	0.8734	0.0000	3,695.9953	3,695.9953	0.4061	0.0000	3,706.1479
2025	3.4089	15.2297	15.4308	0.0478	1.8226	0.5310	2.3536	0.4895	0.4993	0.9888	0.0000	4,287.0303	4,287.0303	0.5995	0.0000	4,302.0189
2026	0.1609	0.2479	0.1836	6.3000e-004	0.0228	0.0105	0.0333	6.0600e-003	9.6800e-003	0.0157	0.0000	55.5605	55.5605	0.0130	0.0000	55.8844
Maximum	**3.4089**	**34.7694**	**19.8446**	**0.1013**	**3.7168**	**0.7440**	**4.4607**	**1.1626**	**0.7089**	**1.8715**	**0.0000**	**9,443.5924**	**9,443.5924**	**0.9413**	**0.0000**	**9,467.1242**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0293	0.1419	1.0016	2.1500e-003	0.1006	4.0400e-003	0.1046	0.0420	3.9100e-003	0.0459	0.0000	185.2284	185.2284	0.0469	0.0000	186.4012
2022	1.1891	19.6527	17.7225	0.1013	2.6137	0.0979	2.7116	0.7926	0.0942	0.8868	0.0000	9,206.0463	9,206.0463	0.8644	0.0000	9,227.6575
2023	1.5546	3.4865	9.1227	0.0378	1.3907	0.0230	1.4137	0.3828	0.0220	0.4048	0.0000	2,758.6167	2,758.6167	0.1255	0.0000	2,761.7531
2024	2.2181	3.4993	9.1776	0.0407	1.4898	0.0238	1.5136	0.4097	0.0228	0.4325	0.0000	2,824.3721	2,824.3721	0.1242	0.0000	2,827.4772
2025	2.2384	3.5028	12.5382	0.0478	1.4370	0.0333	1.4703	0.3949	0.0322	0.4271	0.0000	3,255.9384	3,255.9384	0.2661	0.0000	3,262.5901
2026	0.1368	4.0100e-003	0.0499	6.3000e-004	0.0179	1.5000e-004	0.0180	4.8400e-003	1.4000e-004	4.9800e-003	0.0000	16.5246	16.5246	3.3000e-004	0.0000	16.5329
Maximum	**2.2384**	**19.6527**	**17.7225**	**0.1013**	**2.6137**	**0.0979**	**2.7116**	**0.7926**	**0.0942**	**0.8868**	**0.0000**	**9,206.0463**	**9,206.0463**	**0.8644**	**0.0000**	**9,227.6575**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**38.15**	**59.43**	**16.72**	**0.00**	**25.11**	**91.32**	**37.18**	**25.67**	**91.17**	**53.27**	**0.00**	**13.52**	**13.52**	**39.26**	**0.00**	**13.59**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	**9-29-2021**	**12-28-2021**	1.4083	0.1578
6	**12-29-2021**	**3-28-2022**	6.1510	3.3091
7	**3-29-2022**	**6-28-2022**	9.7151	5.5740
8	**6-29-2022**	**9-28-2022**	11.7681	6.4484
9	**9-29-2022**	**12-28-2022**	9.3996	4.9297

10	**12-29-2022**	**3-28-2023**	2.5587	1.0138
11	**3-29-2023**	**6-28-2023**	2.9838	1.1403
12	**6-29-2023**	**9-28-2023**	3.9463	1.4360
13	**9-29-2023**	**12-28-2023**	3.9208	1.4379
14	**12-29-2023**	**3-28-2024**	3.7192	1.4212
15	**3-29-2024**	**6-28-2024**	3.7365	1.4196
16	**6-29-2024**	**9-28-2024**	3.7360	1.4190
17	**9-29-2024**	**12-28-2024**	3.7120	1.4202
18	**12-29-2024**	**3-28-2025**	4.7550	1.4989
19	**3-29-2025**	**6-28-2025**	4.8821	1.5189
20	**6-29-2025**	**9-28-2025**	4.8816	1.5183
21	**9-29-2025**	**12-28-2025**	4.0928	1.1953
22	**12-29-2025**	**3-28-2026**	0.4833	0.1555
		Highest	11.7681	6.4484

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	5.3946	0.0929	3.1854	5.3000e-004		0.0221	0.0221		0.0221	0.0221	0.0000	70.6772	70.6772	6.3400e-003	1.2000e-003	71.1935
Energy	0.0691	0.6203	0.4677	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	1,674.4109	1,674.4109	0.0551	0.0209	1,682.0278
Mobile	0.5348	3.0431	7.1403	0.0347	3.5515	0.0209	3.5724	0.9513	0.0194	0.9708	0.0000	3,227.4533	3,227.4533	0.1280	0.0000	3,230.6529
Waste						0.0000	0.0000		0.0000	0.0000	68.8992	0.0000	68.8992	4.0718	0.0000	170.6948
Water						0.0000	0.0000		0.0000	0.0000	12.5852	111.3707	123.9560	0.0480	0.0283	133.5942
Total	**5.9985**	**3.7563**	**10.7934**	**0.0390**	**3.5515**	**0.0908**	**3.6423**	**0.9513**	**0.0893**	**1.0406**	**81.4844**	**5,083.9121**	**5,165.3965**	**4.3093**	**0.0505**	**5,288.1632**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.3946	0.0929	3.1854	5.3000e-004		0.0221	0.0221		0.0221	0.0221	0.0000	70.6772	70.6772	6.3400e-003	1.2000e-003	71.1935
Energy	0.0691	0.6203	0.4677	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	1,659.5428	1,659.5428	0.0545	0.0208	1,667.1063
Mobile	0.4597	2.6488	5.3439	0.0250	2.4861	0.0153	2.5014	0.6659	0.0142	0.6801	0.0000	2,324.7418	2,324.7418	0.0968	0.0000	2,327.1609
Waste						0.0000	0.0000		0.0000	0.0000	55.1194	0.0000	55.1194	3.2575	0.0000	136.5559
Water						0.0000	0.0000		0.0000	0.0000	10.0682	96.5016	106.5698	0.0387	0.0227	114.3069
Total	**5.9234**	**3.3620**	**8.9969**	**0.0293**	**2.4861**	**0.0851**	**2.5712**	**0.6659**	**0.0840**	**0.7500**	**65.1876**	**4,151.4633**	**4,216.6509**	**3.4538**	**0.0447**	**4,316.3235**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.25**	**10.50**	**16.64**	**24.95**	**30.00**	**6.20**	**29.41**	**30.00**	**5.87**	**27.93**	**20.00**	**18.34**	**18.37**	**19.85**	**11.36**	**18.38**

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	11/1/2021	12/30/2022	5	305	
2	Site Preparation	Site Preparation	11/1/2021	1/31/2022	5	66	
3	Grading	Grading	2/1/2022	11/30/2022	5	217	
4	Building Construction	Building Construction	6/1/2022	11/28/2025	5	913	
5	Architectural Coating	Architectural Coating	6/1/2023	1/30/2026	5	697	
6	Paving	Paving	1/1/2025	12/31/2025	5	261	

Acres of Grading (Site Preparation Phase): 33

Acres of Grading (Grading Phase): 325.5

Acres of Paving: 0

Residential Indoor: 2,164,069; Residential Outdoor: 721,356; Non-Residential Indoor: 385,758; Non-Residential Outdoor: 128,586; Striped Parking Area: 79,752 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Dumpers/Tenders	20	8.00	16	0.38
Demolition	Excavators	3	8.00	158	0.38
Demolition	Graders	1	8.00	187	0.41
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	3	8.00	158	0.38
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50

Grading	Dumpers/Tenders	80	8.00	16	0.38
Grading	Excavators	3	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	1	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	7	7.00	231	0.29
Building Construction	Pumps	7	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Architectural Coating	Cranes	7	8.00	231	0.29
Paving	Cranes	3	8.00	231	0.29
Paving	Dumpers/Tenders	10	8.00	16	0.38
Paving	Excavators	1	8.00	158	0.38
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Pumps	2	8.00	84	0.74
Paving	Rubber Tired Dozers	1	8.00	247	0.40
Paving	Tractors/Loaders/Backhoes	3	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	26	65.00	0.00	1,062.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	91	228.00	0.00	90,642.00	14.70	6.90	35.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	943.00	317.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	7	189.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	23	58.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0148	0.0000	0.0148	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0865	0.7773	0.5152	1.1000e-003		0.0336	0.0336		0.0316	0.0316	0.0000	91.6344	91.6344	0.0243	0.0000	92.2410
Total	**0.0865**	**0.7773**	**0.5152**	**1.1000e-003**	**0.0148**	**0.0336**	**0.0485**	**2.2500e-003**	**0.0316**	**0.0338**	**0.0000**	**91.6344**	**91.6344**	**0.0243**	**0.0000**	**92.2410**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.1000e-004	0.0303	6.8400e-003	1.0000e-004	0.0126	1.1000e-004	0.0127	3.1600e-003	1.0000e-004	3.2600e-003	0.0000	9.6357	9.6357	6.0000e-004	0.0000	9.6507
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	6.1000e-003	4.5100e-003	0.0510	1.5000e-004	0.0161	1.2000e-004	0.0162	4.2600e-003	1.1000e-004	4.3700e-003	0.0000	13.9765	13.9765	3.7000e-004	0.0000	13.9859
Total	**7.0100e-003**	**0.0348**	**0.0578**	**2.5000e-004**	**0.0287**	**2.3000e-004**	**0.0289**	**7.4200e-003**	**2.1000e-004**	**7.6300e-003**	**0.0000**	**23.6122**	**23.6122**	**9.7000e-004**	**0.0000**	**23.6366**

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					6.6800e-003	0.0000	6.6800e-003	1.0100e-003	0.0000	1.0100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0531	0.4660	1.1000e-003		1.8900e-003	1.8900e-003		1.8300e-003	1.8300e-003	0.0000	91.6343	91.6343	0.0243	0.0000	92.2408
Total	**0.0104**	**0.0531**	**0.4660**	**1.1000e-003**	**6.6800e-003**	**1.8900e-003**	**8.5700e-003**	**1.0100e-003**	**1.8300e-003**	**2.8400e-003**	**0.0000**	**91.6343**	**91.6343**	**0.0243**	**0.0000**	**92.2408**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.1000e-004	0.0303	6.8400e-003	1.0000e-004	9.6000e-003	1.1000e-004	9.7100e-003	2.4200e-003	1.0000e-004	2.5300e-003	0.0000	9.6357	9.6357	6.0000e-004	0.0000	9.6507
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	6.1000e-003	4.5100e-003	0.0510	1.5000e-004	0.0126	1.2000e-004	0.0127	3.4100e-003	1.1000e-004	3.5200e-003	0.0000	13.9765	13.9765	3.7000e-004	0.0000	13.9859
Total	**7.0100e-003**	**0.0348**	**0.0578**	**2.5000e-004**	**0.0222**	**2.3000e-004**	**0.0224**	**5.8300e-003**	**2.1000e-004**	**6.0500e-003**	**0.0000**	**23.6122**	**23.6122**	**9.7000e-004**	**0.0000**	**23.6366**

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0857	0.0000	0.0857	0.0130	0.0000	0.0130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4541	3.9453	2.9021	6.3400e-003		0.1664	0.1664		0.1567	0.1567	0.0000	529.3357	529.3357	0.1401	0.0000	532.8391
Total	**0.4541**	**3.9453**	**2.9021**	**6.3400e-003**	**0.0857**	**0.1664**	**0.2521**	**0.0130**	**0.1567**	**0.1697**	**0.0000**	**529.3357**	**529.3357**	**0.1401**	**0.0000**	**532.8391**

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9800e-003	0.1599	0.0391	5.6000e-004	0.0154	5.3000e-004	0.0159	4.1700e-003	5.0000e-004	4.6800e-003	0.0000	55.0023	55.0023	3.4300e-003	0.0000	55.0880
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0331	0.0235	0.2719	8.6000e-004	0.0927	6.8000e-004	0.0934	0.0246	6.2000e-004	0.0252	0.0000	77.8580	77.8580	1.9600e-003	0.0000	77.9069
Total	**0.0381**	**0.1834**	**0.3110**	**1.4200e-003**	**0.1081**	**1.2100e-003**	**0.1093**	**0.0288**	**1.1200e-003**	**0.0299**	**0.0000**	**132.8604**	**132.8604**	**5.3900e-003**	**0.0000**	**132.9950**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0386	0.0000	0.0386	5.8400e-003	0.0000	5.8400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0593	0.2919	2.6917	6.3400e-003		0.0102	0.0102		9.9300e-003	9.9300e-003	0.0000	529.3351	529.3351	0.1401	0.0000	532.8385
Total	**0.0593**	**0.2919**	**2.6917**	**6.3400e-003**	**0.0386**	**0.0102**	**0.0488**	**5.8400e-003**	**9.9300e-003**	**0.0158**	**0.0000**	**529.3351**	**529.3351**	**0.1401**	**0.0000**	**532.8385**

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9800e-003	0.1599	0.0391	5.6000e-004	0.0124	5.3000e-004	0.0129	3.4300e-003	5.0000e-004	3.9400e-003	0.0000	55.0023	55.0023	3.4300e-003	0.0000	55.0880
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0331	0.0235	0.2719	8.6000e-004	0.0726	6.8000e-004	0.0733	0.0197	6.2000e-004	0.0203	0.0000	77.8580	77.8580	1.9600e-003	0.0000	77.9069
Total	**0.0381**	**0.1834**	**0.3110**	**1.4200e-003**	**0.0850**	**1.2100e-003**	**0.0862**	**0.0231**	**1.1200e-003**	**0.0243**	**0.0000**	**132.8604**	**132.8604**	**5.3900e-003**	**0.0000**	**132.9950**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1530	0.0000	0.1530	0.0764	0.0000	0.0764	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.5682	0.4023	7.6000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	66.7566	66.7566	0.0216	0.0000	67.2963
Total	**0.0534**	**0.5682**	**0.4023**	**7.6000e-004**	**0.1530**	**0.0258**	**0.1788**	**0.0764**	**0.0237**	**0.1001**	**0.0000**	**66.7566**	**66.7566**	**0.0216**	**0.0000**	**67.2963**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4100e-003	1.0400e-003	0.0118	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.2254	3.2254	9.0000e-005	0.0000	3.2275
Total	**1.4100e-003**	**1.0400e-003**	**0.0118**	**4.0000e-005**	**3.7000e-003**	**3.0000e-005**	**3.7300e-003**	**9.8000e-004**	**3.0000e-005**	**1.0100e-003**	**0.0000**	**3.2254**	**3.2254**	**9.0000e-005**	**0.0000**	**3.2275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0689	0.0000	0.0689	0.0344	0.0000	0.0344	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0531	0.4660	7.6000e-004		1.8900e-003	1.8900e-003		1.8300e-003	1.8300e-003	0.0000	66.7565	66.7565	0.0216	0.0000	67.2963
Total	**0.0104**	**0.0531**	**0.4660**	**7.6000e-004**	**0.0689**	**1.8900e-003**	**0.0707**	**0.0344**	**1.8300e-003**	**0.0362**	**0.0000**	**66.7565**	**66.7565**	**0.0216**	**0.0000**	**67.2963**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4100e-003	1.0400e-003	0.0118	4.0000e-005	2.9000e-003	3.0000e-005	2.9300e-003	7.9000e-004	3.0000e-005	8.1000e-004	0.0000	3.2254	3.2254	9.0000e-005	0.0000	3.2275
Total	**1.4100e-003**	**1.0400e-003**	**0.0118**	**4.0000e-005**	**2.9000e-003**	**3.0000e-005**	**2.9300e-003**	**7.9000e-004**	**3.0000e-005**	**8.1000e-004**	**0.0000**	**3.2254**	**3.2254**	**9.0000e-005**	**0.0000**	**3.2275**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0367	0.0000	0.0367	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0213	0.2211	0.1817	3.5000e-004		9.7900e-003	9.7900e-003		9.0100e-003	9.0100e-003	0.0000	31.1444	31.1444	0.0101	0.0000	31.3962
Total	**0.0213**	**0.2211**	**0.1817**	**3.5000e-004**	**0.0807**	**9.7900e-003**	**0.0905**	**0.0367**	**9.0100e-003**	**0.0457**	**0.0000**	**31.1444**	**31.1444**	**0.0101**	**0.0000**	**31.3962**

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.4000e-004	5.0700e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.4512	1.4512	4.0000e-005	0.0000	1.4521
Total	**6.2000e-004**	**4.4000e-004**	**5.0700e-003**	**2.0000e-005**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**0.0000**	**1.4512**	**1.4512**	**4.0000e-005**	**0.0000**	**1.4521**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0363	0.0000	0.0363	0.0165	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7900e-003	0.0236	0.2174	3.5000e-004		8.2000e-004	8.2000e-004		8.0000e-004	8.0000e-004	0.0000	31.1443	31.1443	0.0101	0.0000	31.3962
Total	**4.7900e-003**	**0.0236**	**0.2174**	**3.5000e-004**	**0.0363**	**8.2000e-004**	**0.0372**	**0.0165**	**8.0000e-004**	**0.0173**	**0.0000**	**31.1443**	**31.1443**	**0.0101**	**0.0000**	**31.3962**

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2000e-004	4.4000e-004	5.0700e-003	2.0000e-005	1.3500e-003	1.0000e-005	1.3700e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.4512	1.4512	4.0000e-005	0.0000	1.4521
Total	**6.2000e-004**	**4.4000e-004**	**5.0700e-003**	**2.0000e-005**	**1.3500e-003**	**1.0000e-005**	**1.3700e-003**	**3.7000e-004**	**1.0000e-005**	**3.8000e-004**	**0.0000**	**1.4512**	**1.4512**	**4.0000e-005**	**0.0000**	**1.4521**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8619	0.0000	0.8619	0.3832	0.0000	0.3832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0305	8.1427	5.6753	0.0146		0.3252	0.3252		0.3112	0.3112	0.0000	1,185.5561	1,185.5561	0.2797	0.0000	1,192.5497
Total	**1.0305**	**8.1427**	**5.6753**	**0.0146**	**0.8619**	**0.3252**	**1.1871**	**0.3832**	**0.3112**	**0.6945**	**0.0000**	**1,185.5561**	**1,185.5561**	**0.2797**	**0.0000**	**1,192.5497**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.4988	16.0072	3.9176	0.0560	1.3629	0.0527	1.4156	0.3741	0.0504	0.4245	0.0000	5,506.9663	5,506.9663	0.3433	0.0000	5,515.5497
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0968	0.0688	0.7960	2.5200e-003	0.2714	1.9800e-003	0.2734	0.0721	1.8200e-003	0.0739	0.0000	227.9352	227.9352	5.7300e-003	0.0000	228.0783
Total	**0.5956**	**16.0760**	**4.7136**	**0.0585**	**1.6343**	**0.0547**	**1.6890**	**0.4462**	**0.0523**	**0.4984**	**0.0000**	**5,734.9015**	**5,734.9015**	**0.3491**	**0.0000**	**5,743.6280**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3878	0.0000	0.3878	0.1725	0.0000	0.1725	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1033	0.4770	4.4268	0.0146		0.0157	0.0157		0.0155	0.0155	0.0000	1,185.5547	1,185.5547	0.2797	0.0000	1,192.5482
Total	**0.1033**	**0.4770**	**4.4268**	**0.0146**	**0.3878**	**0.0157**	**0.4035**	**0.1725**	**0.0155**	**0.1879**	**0.0000**	**1,185.5547**	**1,185.5547**	**0.2797**	**0.0000**	**1,192.5482**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.4988	16.0072	3.9176	0.0560	1.1063	0.0527	1.1590	0.3111	0.0504	0.3615	0.0000	5,506.9663	5,506.9663	0.3433	0.0000	5,515.5497
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0968	0.0688	0.7960	2.5200e-003	0.2126	1.9800e-003	0.2146	0.0576	1.8200e-003	0.0595	0.0000	227.9352	227.9352	5.7300e-003	0.0000	228.0783
Total	**0.5956**	**16.0760**	**4.7136**	**0.0585**	**1.3189**	**0.0547**	**1.3736**	**0.3687**	**0.0523**	**0.4210**	**0.0000**	**5,734.9015**	**5,734.9015**	**0.3491**	**0.0000**	**5,743.6280**

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	0.3853	3.7747	3.1847	6.6400e-003		0.1768	0.1768		0.1694	0.1694	0.0000	576.7974	576.7974	0.1041	0.0000	579.4000
Total	**0.3853**	**3.7747**	**3.1847**	**6.6400e-003**		**0.1768**	**0.1768**		**0.1694**	**0.1694**	**0.0000**	**576.7974**	**576.7974**	**0.1041**	**0.0000**	**579.4000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0647	2.2249	0.5498	6.0600e-003	0.1529	4.0900e-003	0.1570	0.0441	3.9100e-003	0.0480	0.0000	586.8546	586.8546	0.0360	0.0000	587.7554
Worker	0.2824	0.2007	2.3213	7.3500e-003	0.7915	5.7700e-003	0.7972	0.2102	5.3100e-003	0.2155	0.0000	664.6912	664.6912	0.0167	0.0000	665.1086
Total	**0.3471**	**2.4257**	**2.8711**	**0.0134**	**0.9443**	**9.8600e-003**	**0.9542**	**0.2543**	**9.2200e-003**	**0.2635**	**0.0000**	**1,251.5458**	**1,251.5458**	**0.0527**	**0.0000**	**1,252.8640**

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	0.0403	0.1747	2.4857	6.6400e-003		5.3700e-003	5.3700e-003		5.3700e-003	5.3700e-003	0.0000	339.2535	339.2535	0.0273	0.0000	339.9354
Total	**0.0403**	**0.1747**	**2.4857**	**6.6400e-003**		**5.3700e-003**	**5.3700e-003**		**5.3700e-003**	**5.3700e-003**	**0.0000**	**339.2535**	**339.2535**	**0.0273**	**0.0000**	**339.9354**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0647	2.2249	0.5498	6.0600e-003	0.1258	4.0900e-003	0.1299	0.0375	3.9100e-003	0.0414	0.0000	586.8546	586.8546	0.0360	0.0000	587.7554
Worker	0.2824	0.2007	2.3213	7.3500e-003	0.6199	5.7700e-003	0.6257	0.1681	5.3100e-003	0.1734	0.0000	664.6912	664.6912	0.0167	0.0000	665.1086
Total	**0.3471**	**2.4257**	**2.8711**	**0.0134**	**0.7457**	**9.8600e-003**	**0.7556**	**0.2056**	**9.2200e-003**	**0.2148**	**0.0000**	**1,251.5458**	**1,251.5458**	**0.0527**	**0.0000**	**1,252.8640**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.6125	5.8926	5.3583	0.0113		0.2668	0.2668		0.2553	0.2553	0.0000	980.2403	980.2403	0.1742	0.0000	984.5956
Total	**0.6125**	**5.8926**	**5.3583**	**0.0113**		**0.2668**	**0.2668**		**0.2553**	**0.2553**	**0.0000**	**980.2403**	**980.2403**	**0.1742**	**0.0000**	**984.5956**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0821	2.8449	0.8353	9.9700e-003	0.2598	3.2400e-003	0.2630	0.0750	3.0900e-003	0.0780	0.0000	967.2091	967.2091	0.0532	0.0000	968.5399
Worker	0.4517	0.3086	3.6371	0.0120	1.3450	9.5400e-003	1.3545	0.3572	8.7900e-003	0.3660	0.0000	1,087.4152	1,087.4152	0.0256	0.0000	1,088.0544
Total	**0.5338**	**3.1535**	**4.4724**	**0.0220**	**1.6047**	**0.0128**	**1.6175**	**0.4321**	**0.0119**	**0.4440**	**0.0000**	**2,054.6243**	**2,054.6243**	**0.0788**	**0.0000**	**2,056.5943**

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	0.0685	0.2968	4.2241	0.0113		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003	0.0000	576.5788	576.5788	0.0437	0.0000	577.6704
Total	**0.0685**	**0.2968**	**4.2241**	**0.0113**		**9.1300e-003**	**9.1300e-003**		**9.1300e-003**	**9.1300e-003**	**0.0000**	**576.5788**	**576.5788**	**0.0437**	**0.0000**	**577.6704**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0821	2.8449	0.8353	9.9700e-003	0.2138	3.2400e-003	0.2170	0.0637	3.0900e-003	0.0668	0.0000	967.2091	967.2091	0.0532	0.0000	968.5399
Worker	0.4517	0.3086	3.6371	0.0120	1.0535	9.5400e-003	1.0630	0.2856	8.7900e-003	0.2944	0.0000	1,087.4152	1,087.4152	0.0256	0.0000	1,088.0544
Total	**0.5338**	**3.1535**	**4.4724**	**0.0220**	**1.2672**	**0.0128**	**1.2800**	**0.3493**	**0.0119**	**0.3612**	**0.0000**	**2,054.6243**	**2,054.6243**	**0.0788**	**0.0000**	**2,056.5943**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5797	5.5083	5.3476	0.0114		0.2398	0.2398		0.2292	0.2292	0.0000	987.8115	987.8115	0.1747	0.0000	992.1778
Total	**0.5797**	**5.5083**	**5.3476**	**0.0114**		**0.2398**	**0.2398**		**0.2292**	**0.2292**	**0.0000**	**987.8115**	**987.8115**	**0.1747**	**0.0000**	**992.1778**

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0809	2.8601	0.8173	0.0100	0.2618	3.2200e-003	0.2650	0.0755	3.0800e-003	0.0786	0.0000	971.2058	971.2058	0.0528	0.0000	972.5253
Worker	0.4314	0.2833	3.4185	0.0117	1.3553	9.4900e-003	1.3648	0.3599	8.7300e-003	0.3687	0.0000	1,059.7194	1,059.7194	0.0236	0.0000	1,060.3092
Total	**0.5123**	**3.1434**	**4.2358**	**0.0217**	**1.6171**	**0.0127**	**1.6298**	**0.4355**	**0.0118**	**0.4473**	**0.0000**	**2,030.9251**	**2,030.9251**	**0.0764**	**0.0000**	**2,032.8345**

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	0.0690	0.2991	4.2566	0.0114		9.2000e-003	9.2000e-003		9.2000e-003	9.2000e-003	0.0000	581.0536	581.0536	0.0431	0.0000	582.1311
Total	**0.0690**	**0.2991**	**4.2566**	**0.0114**		**9.2000e-003**	**9.2000e-003**		**9.2000e-003**	**9.2000e-003**	**0.0000**	**581.0536**	**581.0536**	**0.0431**	**0.0000**	**582.1311**

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0809	2.8601	0.8173	0.0100	0.2154	3.2200e-003	0.2186	0.0642	3.0800e-003	0.0672	0.0000	971.2058	971.2058	0.0528	0.0000	972.5253
Worker	0.4314	0.2833	3.4185	0.0117	1.0616	9.4900e-003	1.0711	0.2878	8.7300e-003	0.2966	0.0000	1,059.7194	1,059.7194	0.0236	0.0000	1,060.3092
Total	**0.5123**	**3.1434**	**4.2358**	**0.0217**	**1.2770**	**0.0127**	**1.2897**	**0.3520**	**0.0118**	**0.3638**	**0.0000**	**2,030.9251**	**2,030.9251**	**0.0764**	**0.0000**	**2,032.8345**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4939	4.6080	4.8249	0.0103		0.1934	0.1934		0.1847	0.1847	0.0000	897.3920	897.3920	0.1570	0.0000	901.3175
Total	**0.4939**	**4.6080**	**4.8249**	**0.0103**		**0.1934**	**0.1934**		**0.1847**	**0.1847**	**0.0000**	**897.3920**	**897.3920**	**0.1570**	**0.0000**	**901.3175**

3.5 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0716	2.5750	0.7227	9.0300e-003	0.2378	2.8800e-003	0.2407	0.0686	2.7500e-003	0.0714	0.0000	877.2870	877.2870	0.0472	0.0000	878.4660
Worker	0.3726	0.2353	2.8839	0.0102	1.2312	8.4500e-003	1.2396	0.3270	7.7800e-003	0.3348	0.0000	924.7257	924.7257	0.0195	0.0000	925.2139
Total	**0.4443**	**2.8103**	**3.6066**	**0.0193**	**1.4690**	**0.0113**	**1.4803**	**0.3956**	**0.0105**	**0.4061**	**0.0000**	**1,802.0128**	**1,802.0128**	**0.0667**	**0.0000**	**1,803.6799**

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	0.0627	0.2717	3.8667	0.0103		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	527.8819	527.8819	0.0375	0.0000	528.8197
Total	**0.0627**	**0.2717**	**3.8667**	**0.0103**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**527.8819**	**527.8819**	**0.0375**	**0.0000**	**528.8197**

3.5 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0716	2.5750	0.7227	9.0300e-003	0.1957	2.8800e-003	0.1986	0.0583	2.7500e-003	0.0610	0.0000	877.2870	877.2870	0.0472	0.0000	878.4660
Worker	0.3726	0.2353	2.8839	0.0102	0.9643	8.4500e-003	0.9728	0.2615	7.7800e-003	0.2693	0.0000	924.7257	924.7257	0.0195	0.0000	925.2139
Total	**0.4443**	**2.8103**	**3.6066**	**0.0193**	**1.1600**	**0.0113**	**1.1713**	**0.3197**	**0.0105**	**0.3303**	**0.0000**	**1,802.0128**	**1,802.0128**	**0.0667**	**0.0000**	**1,803.6799**

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8994					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1870	2.0299	0.9759	3.0700e-003		0.0848	0.0848		0.0780	0.0780	0.0000	269.6986	269.6986	0.0872	0.0000	271.8793
Total	**1.0864**	**2.0299**	**0.9759**	**3.0700e-003**		**0.0848**	**0.0848**		**0.0780**	**0.0780**	**0.0000**	**269.6986**	**269.6986**	**0.0872**	**0.0000**	**271.8793**

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0529	0.0362	0.4262	1.4100e-003	0.1576	1.1200e-003	0.1587	0.0419	1.0300e-003	0.0429	0.0000	127.4136	127.4136	3.0000e-003	0.0000	127.4885
Total	**0.0529**	**0.0362**	**0.4262**	**1.4100e-003**	**0.1576**	**1.1200e-003**	**0.1587**	**0.0419**	**1.0300e-003**	**0.0429**	**0.0000**	**127.4136**	**127.4136**	**3.0000e-003**	**0.0000**	**127.4885**

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	0.8994					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	3.0700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.8994**	**0.0000**	**0.0000**	**3.0700e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0529	0.0362	0.4262	1.4100e-003	0.1234	1.1200e-003	0.1246	0.0335	1.0300e-003	0.0345	0.0000	127.4136	127.4136	3.0000e-003	0.0000	127.4885
Total	**0.0529**	**0.0362**	**0.4262**	**1.4100e-003**	**0.1234**	**1.1200e-003**	**0.1246**	**0.0335**	**1.0300e-003**	**0.0345**	**0.0000**	**127.4136**	**127.4136**	**3.0000e-003**	**0.0000**	**127.4885**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5503					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3042	3.2134	1.6274	5.2900e-003		0.1337	0.1337		0.1230	0.1230	0.0000	464.8654	464.8654	0.1504	0.0000	468.6240
Total	**1.8545**	**3.2134**	**1.6274**	**5.2900e-003**		**0.1337**	**0.1337**		**0.1230**	**0.1230**	**0.0000**	**464.8654**	**464.8654**	**0.1504**	**0.0000**	**468.6240**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0865	0.0568	0.6852	2.3500e-003	0.2716	1.9000e-003	0.2735	0.0721	1.7500e-003	0.0739	0.0000	212.3934	212.3934	4.7300e-003	0.0000	212.5116
Total	**0.0865**	**0.0568**	**0.6852**	**2.3500e-003**	**0.2716**	**1.9000e-003**	**0.2735**	**0.0721**	**1.7500e-003**	**0.0739**	**0.0000**	**212.3934**	**212.3934**	**4.7300e-003**	**0.0000**	**212.5116**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5503					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	5.2900e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5503**	**0.0000**	**0.0000**	**5.2900e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0865	0.0568	0.6852	2.3500e-003	0.2128	1.9000e-003	0.2147	0.0577	1.7500e-003	0.0594	0.0000	212.3934	212.3934	4.7300e-003	0.0000	212.5116
Total	**0.0865**	**0.0568**	**0.6852**	**2.3500e-003**	**0.2128**	**1.9000e-003**	**0.2147**	**0.0577**	**1.7500e-003**	**0.0594**	**0.0000**	**212.3934**	**212.3934**	**4.7300e-003**	**0.0000**	**212.5116**

3.6 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5444					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2858	2.8939	1.5863	5.2700e-003		0.1230	0.1230		0.1132	0.1132	0.0000	463.1067	463.1067	0.1498	0.0000	466.8512
Total	**1.8302**	**2.8939**	**1.5863**	**5.2700e-003**		**0.1230**	**0.1230**		**0.1132**	**0.1132**	**0.0000**	**463.1067**	**463.1067**	**0.1498**	**0.0000**	**466.8512**

3.6 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0819	0.0517	0.6339	2.2500e-003	0.2706	1.8600e-003	0.2725	0.0719	1.7100e-003	0.0736	0.0000	203.2482	203.2482	4.2900e-003	0.0000	203.3554
Total	**0.0819**	**0.0517**	**0.6339**	**2.2500e-003**	**0.2706**	**1.8600e-003**	**0.2725**	**0.0719**	**1.7100e-003**	**0.0736**	**0.0000**	**203.2482**	**203.2482**	**4.2900e-003**	**0.0000**	**203.3554**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5444					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	5.2700e-003		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.5444**	**0.0000**	**0.0000**	**5.2700e-003**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0819	0.0517	0.6339	2.2500e-003	0.2120	1.8600e-003	0.2138	0.0575	1.7100e-003	0.0592	0.0000	203.2482	203.2482	4.2900e-003	0.0000	203.3554
Total	**0.0819**	**0.0517**	**0.6339**	**2.2500e-003**	**0.2120**	**1.8600e-003**	**0.2138**	**0.0575**	**1.7100e-003**	**0.0592**	**0.0000**	**203.2482**	**203.2482**	**4.2900e-003**	**0.0000**	**203.3554**

3.6 Architectural Coating - 2026

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	0.1302					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0241	0.2439	0.1337	4.4000e-004		0.0104	0.0104		9.5400e-003	9.5400e-003	0.0000	39.0358	39.0358	0.0126	0.0000	39.3514
Total	**0.1543**	**0.2439**	**0.1337**	**4.4000e-004**		**0.0104**	**0.0104**		**9.5400e-003**	**9.5400e-003**	**0.0000**	**39.0358**	**39.0358**	**0.0126**	**0.0000**	**39.3514**

3.6 Architectural Coating - 2026

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	6.6000e-003	4.0100e-003	0.0499	1.8000e-004	0.0228	1.5000e-004	0.0230	6.0600e-003	1.4000e-004	6.2000e-003	0.0000	16.5246	16.5246	3.3000e-004	0.0000	16.5329
Total	**6.6000e-003**	**4.0100e-003**	**0.0499**	**1.8000e-004**	**0.0228**	**1.5000e-004**	**0.0230**	**6.0600e-003**	**1.4000e-004**	**6.2000e-003**	**0.0000**	**16.5246**	**16.5246**	**3.3000e-004**	**0.0000**	**16.5329**

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	0.1302					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	4.4000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1302**	**0.0000**	**0.0000**	**4.4000e-004**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Architectural Coating - 2026

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	6.6000e-003	4.0100e-003	0.0499	1.8000e-004	0.0179	1.5000e-004	0.0180	4.8400e-003	1.4000e-004	4.9800e-003	0.0000	16.5246	16.5246	3.3000e-004	0.0000	16.5329
Total	**6.6000e-003**	**4.0100e-003**	**0.0499**	**1.8000e-004**	**0.0179**	**1.5000e-004**	**0.0180**	**4.8400e-003**	**1.4000e-004**	**4.9800e-003**	**0.0000**	**16.5246**	**16.5246**	**3.3000e-004**	**0.0000**	**16.5329**

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.5336	4.8499	4.5846	9.9700e-003		0.2008	0.2008		0.1886	0.1886	0.0000	858.8982	858.8982	0.2205	0.0000	864.4096
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.5336**	**4.8499**	**4.5846**	**9.9700e-003**		**0.2008**	**0.2008**		**0.1886**	**0.1886**	**0.0000**	**858.8982**	**858.8982**	**0.2205**	**0.0000**	**864.4096**

3.7 Paving - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0251	0.0159	0.1945	6.9000e-004	0.0830	5.7000e-004	0.0836	0.0221	5.2000e-004	0.0226	0.0000	62.3725	62.3725	1.3200e-003	0.0000	62.4054
Total	**0.0251**	**0.0159**	**0.1945**	**6.9000e-004**	**0.0830**	**5.7000e-004**	**0.0836**	**0.0221**	**5.2000e-004**	**0.0226**	**0.0000**	**62.3725**	**62.3725**	**1.3200e-003**	**0.0000**	**62.4054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0800	0.3532	4.2365	9.9700e-003		0.0112	0.0112		0.0111	0.0111	0.0000	660.4231	660.4231	0.1563	0.0000	664.3297
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0800**	**0.3532**	**4.2365**	**9.9700e-003**		**0.0112**	**0.0112**		**0.0111**	**0.0111**	**0.0000**	**660.4231**	**660.4231**	**0.1563**	**0.0000**	**664.3297**

3.7 Paving - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0251	0.0159	0.1945	6.9000e-004	0.0650	5.7000e-004	0.0656	0.0176	5.2000e-004	0.0182	0.0000	62.3725	62.3725	1.3200e-003	0.0000	62.4054
Total	**0.0251**	**0.0159**	**0.1945**	**6.9000e-004**	**0.0650**	**5.7000e-004**	**0.0656**	**0.0176**	**5.2000e-004**	**0.0182**	**0.0000**	**62.3725**	**62.3725**	**1.3200e-003**	**0.0000**	**62.4054**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive 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	0.4597	2.6488	5.3439	0.0250	2.4861	0.0153	2.5014	0.6659	0.0142	0.6801	0.0000	2,324.7418	2,324.7418	0.0968	0.0000	2,327.1609
Unmitigated	0.5348	3.0431	7.1403	0.0347	3.5515	0.0209	3.5724	0.9513	0.0194	0.9708	0.0000	3,227.4533	3,227.4533	0.1280	0.0000	3,230.6529

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	2,736.09	2,736.09	2736.09	9,349,635	6,544,745
Health Club	0.00	0.00	0.00		
Hotel	0.00	0.00	0.00		
Office Park	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	2,736.09	2,736.09	2,736.09	9,349,635	6,544,745

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Condo/Townhouse High Rise	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Health Club	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Hotel	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Office Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Quality Restaurant	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Recreational Swimming Pool	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Regional Shopping Center	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Unenclosed Parking with Elevator	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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	975.3281	975.3281	0.0413	8.2700e-003	978.8256
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	990.1962	990.1962	0.0420	8.3900e-003	993.7471
NaturalGas Mitigated	0.0691	0.6203	0.4677	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	684.2147	684.2147	0.0131	0.0125	688.2807
NaturalGas Unmitigated	0.0691	0.6203	0.4677	3.7700e-003		0.0478	0.0478		0.0478	0.0478	0.0000	684.2147	684.2147	0.0131	0.0125	688.2807

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					
City Park	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
Condo/Townhouse High Rise	2.79273e+006	0.0151	0.1287	0.0548	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	149.0309	149.0309	2.8600e-003	2.7300e-003	149.9165
Health Club	133397	7.2000e-004	6.5400e-003	5.4900e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	7.1186	7.1186	1.4000e-004	1.3000e-004	7.1609
Hotel	4.66574e+006	0.0252	0.2287	0.1921	1.3700e-003		0.0174	0.0174		0.0174	0.0174	0.0000	248.9817	248.9817	4.7700e-003	4.5600e-003	250.4613
Office Park	248079	1.3400e-003	0.0122	0.0102	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.2384	13.2384	2.5000e-004	2.4000e-004	13.3171
Quality Restaurant	4.96803e+006	0.0268	0.2435	0.2046	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	265.1131	265.1131	5.0800e-003	4.8600e-003	266.6885
Recreational Swimming Pool	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
Regional Shopping Center	13718.6	7.0000e-005	6.7000e-004	5.6000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7321	0.7321	1.0000e-005	1.0000e-005	0.7364
Unenclosed 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
Total		**0.0691**	**0.6203**	**0.4677**	**3.7600e-003**		**0.0478**	**0.0478**		**0.0478**	**0.0478**	**0.0000**	**684.2147**	**684.2147**	**0.0131**	**0.0125**	**688.2807**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	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
Condo/Townhouse High Rise	2.79273e+006	0.0151	0.1287	0.0548	8.2000e-004		0.0104	0.0104		0.0104	0.0104	0.0000	149.0309	149.0309	2.8600e-003	2.7300e-003	149.9165
Health Club	133397	7.2000e-004	6.5400e-003	5.4900e-003	4.0000e-005		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	7.1186	7.1186	1.4000e-004	1.3000e-004	7.1609
Hotel	4.66574e+006	0.0252	0.2287	0.1921	1.3700e-003		0.0174	0.0174		0.0174	0.0174	0.0000	248.9817	248.9817	4.7700e-003	4.5600e-003	250.4613
Office Park	248079	1.3400e-003	0.0122	0.0102	7.0000e-005		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	13.2384	13.2384	2.5000e-004	2.4000e-004	13.3171
Quality Restaurant	4.96803e+006	0.0268	0.2435	0.2046	1.4600e-003		0.0185	0.0185		0.0185	0.0185	0.0000	265.1131	265.1131	5.0800e-003	4.8600e-003	266.6885
Recreational Swimming Pool	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
Regional Shopping Center	13718.6	7.0000e-005	6.7000e-004	5.6000e-004	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.7321	0.7321	1.0000e-005	1.0000e-005	0.7364
Unenclosed 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
Total		**0.0691**	**0.6203**	**0.4677**	**3.7600e-003**		**0.0478**	**0.0478**		**0.0478**	**0.0478**	**0.0000**	**684.2147**	**684.2147**	**0.0131**	**0.0125**	**688.2807**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.27858e+006	205.2286	8.7000e-003	1.7400e-003	205.9645
Health Club	63971.6	10.2683	4.4000e-004	9.0000e-005	10.3051
Hotel	1.15768e+006	185.8223	7.8800e-003	1.5800e-003	186.4887
Office Park	279247	44.8227	1.9000e-003	3.8000e-004	44.9834
Quality Restaurant	716055	114.9359	4.8700e-003	9.7000e-004	115.3480
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	94775.4	15.2127	6.4000e-004	1.3000e-004	15.2672
Unenclosed Parking with Elevator	2.57865e+006	413.9058	0.0175	3.5100e-003	415.3901
Total		**990.1962**	**0.0420**	**8.4000e-003**	**993.7471**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.24642e+006	200.0655	8.4800e-003	1.7000e-003	200.7830
Health Club	63971.6	10.2683	4.4000e-004	9.0000e-005	10.3051
Hotel	1.132e+006	181.6999	7.7000e-003	1.5400e-003	182.3515
Office Park	279247	44.8227	1.9000e-003	3.8000e-004	44.9834
Quality Restaurant	681274	109.3532	4.6400e-003	9.3000e-004	109.7454
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	94775.4	15.2127	6.4000e-004	1.3000e-004	15.2672
Unenclosed Parking with Elevator	2.57865e+006	413.9058	0.0175	3.5100e-003	415.3901
Total		**975.3281**	**0.0413**	**8.2800e-003**	**978.8256**

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	5.3946	0.0929	3.1854	5.3000e-004		0.0221	0.0221		0.0221	0.0221	0.0000	70.6772	70.6772	6.3400e-003	1.2000e-003	71.1935
Unmitigated	5.3946	0.0929	3.1854	5.3000e-004		0.0221	0.0221		0.0221	0.0221	0.0000	70.6772	70.6772	6.3400e-003	1.2000e-003	71.1935

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	0.4124					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.8782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.6200e-003	0.0566	0.0241	3.6000e-004		4.5700e-003	4.5700e-003		4.5700e-003	4.5700e-003	0.0000	65.4854	65.4854	1.2600e-003	1.2000e-003	65.8745
Landscaping	0.0973	0.0363	3.1613	1.7000e-004		0.0175	0.0175		0.0175	0.0175	0.0000	5.1918	5.1918	5.0900e-003	0.0000	5.3190
Total	**5.3946**	**0.0929**	**3.1854**	**5.3000e-004**		**0.0221**	**0.0221**		**0.0221**	**0.0221**	**0.0000**	**70.6772**	**70.6772**	**6.3500e-003**	**1.2000e-003**	**71.1935**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4124					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.8782					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.6200e-003	0.0566	0.0241	3.6000e-004		4.5700e-003	4.5700e-003		4.5700e-003	4.5700e-003	0.0000	65.4854	65.4854	1.2600e-003	1.2000e-003	65.8745
Landscaping	0.0973	0.0363	3.1613	1.7000e-004		0.0175	0.0175		0.0175	0.0175	0.0000	5.1918	5.1918	5.0900e-003	0.0000	5.3190
Total	**5.3946**	**0.0929**	**3.1854**	**5.3000e-004**		**0.0221**	**0.0221**		**0.0221**	**0.0221**	**0.0000**	**70.6772**	**70.6772**	**6.3500e-003**	**1.2000e-003**	**71.1935**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	106.5698	0.0387	0.0227	114.3069
Unmitigated	123.9560	0.0480	0.0283	133.5942

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.90806	6.9692	3.0000e-004	6.0000e-005	6.9942
Condo/Townhouse High Rise	19.7417 / 12.4458	70.4401	0.0267	0.0157	75.7950
Health Club	0.435885 / 0.267155	1.5417	5.9000e-004	3.5000e-004	1.6598
Hotel	3.39915 / 0.377683	8.9805	4.4700e-003	2.6800e-003	9.8912
Office Park	4.50377 / 2.76038	15.9291	6.0900e-003	3.5900e-003	17.1502
Quality Restaurant	6.53508 / 0.417133	16.7146	8.5700e-003	5.1500e-003	18.4635
Recreational Swimming Pool	0.335933 / 0.205894	1.1881	4.5000e-004	2.7000e-004	1.2792
Regional Shopping Center	0.619987 / 0.379992	2.1928	8.4000e-004	4.9000e-004	2.3609
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**123.9560**	**0.0480**	**0.0283**	**133.5942**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.90806	6.9692	3.0000e-004	6.0000e-005	6.9942
Condo/Townhouse High Rise	15.7933 / 12.4458	60.7910	0.0216	0.0126	65.0909
Health Club	0.348708 / 0.267155	1.3286	4.8000e-004	2.8000e-004	1.4235
Hotel	2.71932 / 0.377683	7.3191	3.5800e-003	2.1500e-003	8.0482
Office Park	3.60302 / 2.76038	13.7278	4.9200e-003	2.8800e-003	14.7082
Quality Restaurant	5.22806 / 0.417133	13.5204	6.8600e-003	4.1200e-003	14.9201
Recreational Swimming Pool	0.268746 / 0.205894	1.0239	3.7000e-004	2.1000e-004	1.0971
Regional Shopping Center	0.49599 / 0.379992	1.8898	6.8000e-004	4.0000e-004	2.0247
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**106.5698**	**0.0388**	**0.0227**	**114.3069**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.1194	3.2575	0.0000	136.5559
Unmitigated	68.8992	4.0718	0.0000	170.6948

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.28	0.0568	3.3600e-003	0.0000	0.1408
Condo/Townhouse High Rise	139.38	28.2929	1.6721	0.0000	70.0944
Health Club	42.01	8.5277	0.5040	0.0000	21.1269
Hotel	73.36	14.8914	0.8801	0.0000	36.8929
Office Park	23.57	4.7845	0.2828	0.0000	11.8534
Quality Restaurant	19.65	3.9888	0.2357	0.0000	9.8820
Recreational Swimming Pool	32.38	6.5729	0.3884	0.0000	16.2840
Regional Shopping Center	8.79	1.7843	0.1055	0.0000	4.4205
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**68.8992**	**4.0718**	**0.0000**	**170.6948**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.224	0.0455	2.6900e-003	0.0000	0.1127
Condo/Townhouse High Rise	111.504	22.6343	1.3377	0.0000	56.0755
Health Club	33.608	6.8221	0.4032	0.0000	16.9015
Hotel	58.688	11.9131	0.7041	0.0000	29.5143
Office Park	18.856	3.8276	0.2262	0.0000	9.4827
Quality Restaurant	15.72	3.1910	0.1886	0.0000	7.9056
Recreational Swimming Pool	25.904	5.2583	0.3108	0.0000	13.0272
Regional Shopping Center	7.032	1.4274	0.0844	0.0000	3.5364
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**55.1194**	**3.2575**	**0.0000**	**136.5559**

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

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-09959 One Beverly Hills - Existing Specific Plans

Vehicle Population Breakdown*	
13012853	Gasoline vehicles
689595	Diesel vehicles
95.0%	Gasoline vehicle %
5.0%	Diesel vehicle %

VMT per Vehicle Type	
6,544,745	Project VMT (CalEEMod output)
6215371	Gasoline vehicle VMT
329374	Diesel vehicle VMT

Gasoline Vehicles	
95.0%	Gasoline vehicle %
2.6488	Tons per year mobile NOX emissions (annual output in CalEEMod)
2.52	Gasoline vehicle tons per year NOX emissions
0.1164	Tons per year N2O emissions for gasoline vehicles**
0.1056	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.24	Diesel average miles per gallon*
0.06885	grams per mile N2O for diesel vehicles
22678.3	grams per year N2O for diesel vehicles
0.0226783	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.1283	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
38.2	**CO2e emissions per year from N2O emissions from gasoline + diesel vehicles**

Sources

***Vehicle population source:**
Source: EMFAC2017 (v1.0.3) Emissions Inventory
Region Type: Air District
Region: South Coast AQMD
Calendar Year: 2030
Season: Annual
Vehicle Classification: EMFAC2011 Categories

****Methodology source:**
EMFAC2017 Volume III - Technical Documentation
https://www.arb.ca.gov/msei/emfac2011-faq.htm

*****GWP source:**
Intergovernmental Panel on Climate Change (IPCC). 2007.
AR4 Climate Change 2007: The Physical Science Basis.
Contrbution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.

One Beverly Hilton - Existing Uses - 2030 - Existing Specific Plans

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Office Park	17.32	1000sqft	0.00	17,315.00	0
Unenclosed Parking with Elevator	1,239.00	Space	0.00	495,600.00	0
City Park	1.00	Acre	0.00	43,560.00	0
Hotel	217.00	Room	17.40	315,084.00	0
Quality Restaurant	2.61	1000sqft	0.00	2,610.00	0
Recreational Swimming Pool	4.20	1000sqft	0.00	4,200.00	0
Regional Shopping Center	2.57	1000sqft	0.00	2,566.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2030
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	353.87	**CH4 Intensity (lb/MWhr)**	0.015	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE adjusted for RPS for 2030

Land Use - Based on trip gen memo from F&P. All lot acreage allocated to hotel.

Construction Phase - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Off-road Equipment - No construction - existing uses

Trips and VMT - No construction - existing uses

Demolition - No construction - existing uses

Grading - No construction - existing uses

Architectural Coating - No construction - existing uses

Vehicle Trips - Based on trip gen memo from F&P.

Area Coating - SCAQMD Rule 1113

Energy Use -

Water And Wastewater - All wastewater treated at Hyperion with aerobic processes

Solid Waste -

Mobile Land Use Mitigation - Adjacent to Central Business District and Wilshire/Santa Monica bus stop

Waste Mitigation - Adjusted for 60% diversion rate in Beverly Hills

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	168,788.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	506,363.00	0.00
tblArchitecturalCoating	ConstArea_Parking	29,736.00	0.00
tblLandUse	LandUseSquareFeet	17,320.00	17,315.00
tblLandUse	LandUseSquareFeet	2,570.00	2,566.00

tblLandUse	LotAcreage	0.40	0.00
tblLandUse	LotAcreage	11.15	0.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	LotAcreage	7.23	17.40
tblLandUse	LotAcreage	0.06	0.00
tblLandUse	LotAcreage	0.10	0.00
tblLandUse	LotAcreage	0.06	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.015

tblProjectCharacteristics	CO2IntensityFactor	702.43634	353.87
tblProjectCharacteristics	N2OIntensityFactor	0.00617	0.003
tblTripsAndVMT	VendorTripNumber	144.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	368.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	74.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	65.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1.64	0.00
tblVehicleTrips	ST_TR	94.36	47.18
tblVehicleTrips	ST_TR	9.10	0.00
tblVehicleTrips	ST_TR	49.97	44.80
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	0.76	0.00
tblVehicleTrips	SU_TR	72.16	57.73
tblVehicleTrips	SU_TR	13.60	0.00
tblVehicleTrips	SU_TR	25.24	14.13
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	8.17	7.76
tblVehicleTrips	WD_TR	11.42	0.00
tblVehicleTrips	WD_TR	89.95	27.01
tblVehicleTrips	WD_TR	33.82	0.00
tblVehicleTrips	WD_TR	42.70	21.14

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4174	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392
Energy	0.0484	0.4396	0.3693	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	1,234.2352	1,234.2352	0.0412	0.0152	1,239.7891
Mobile	0.2986	1.7216	3.4421	0.0160	1.5942	9.8300e-003	1.6040	0.4270	9.1300e-003	0.4362	0.0000	1,493.6434	1,493.6434	0.0624	0.0000	1,495.2026
Waste						0.0000	0.0000		0.0000	0.0000	33.2966	0.0000	33.2966	1.9678	0.0000	82.4909
Water						0.0000	0.0000		0.0000	0.0000	3.4722	27.6613	31.1335	0.0131	7.7900e-003	33.7816
Total	**1.7643**	**2.1614**	**3.8303**	**0.0187**	**1.5942**	**0.0433**	**1.6375**	**0.4270**	**0.0426**	**0.4696**	**36.7688**	**2,755.5767**	**2,792.3455**	**2.0846**	**0.0230**	**2,851.3034**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.4174	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392
Energy	0.0484	0.4396	0.3693	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	1,234.2352	1,234.2352	0.0412	0.0152	1,239.7891
Mobile	0.2648	1.5446	2.6357	0.0117	1.1159	7.3000e-003	1.1232	0.2989	6.7800e-003	0.3057	0.0000	1,088.4429	1,088.4429	0.0484	0.0000	1,089.6518
Waste						0.0000	0.0000		0.0000	0.0000	26.6373	0.0000	26.6373	1.5742	0.0000	65.9928
Water						0.0000	0.0000		0.0000	0.0000	3.4722	27.6613	31.1335	0.0131	7.7900e-003	33.7816
Total	**1.7305**	**1.9844**	**3.0239**	**0.0143**	**1.1159**	**0.0408**	**1.1567**	**0.2989**	**0.0403**	**0.3392**	**30.1095**	**2,350.3762**	**2,380.4857**	**1.6770**	**0.0230**	**2,429.2544**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**1.91**	**8.19**	**21.05**	**23.34**	**30.00**	**5.84**	**29.36**	**30.00**	**5.52**	**27.78**	**18.11**	**14.70**	**14.75**	**19.55**	**0.00**	**14.80**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/18/2020	10/15/2020	5	20	
2	Site Preparation	Site Preparation	10/16/2020	10/29/2020	5	10	
3	Grading	Grading	10/30/2020	12/10/2020	5	30	
4	Building Construction	Building Construction	12/11/2020	2/3/2022	5	300	
5	Paving	Paving	2/4/2022	3/3/2022	5	20	
6	Architectural Coating	Architectural Coating	3/4/2022	3/31/2022	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	158	0.38
Demolition	Rubber Tired Dozers	2	0.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	0.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	0.00	97	0.37
Grading	Excavators	2	0.00	158	0.38
Grading	Graders	1	0.00	187	0.41
Grading	Rubber Tired Dozers	1	0.00	247	0.40
Grading	Scrapers	2	0.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	0.00	97	0.37
Building Construction	Cranes	1	0.00	231	0.29
Building Construction	Forklifts	3	0.00	89	0.20
Building Construction	Generator Sets	1	0.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	0.00	97	0.37
Building Construction	Welders	1	0.00	46	0.45
Paving	Pavers	2	0.00	130	0.42
Paving	Paving Equipment	2	0.00	132	0.36
Paving	Rollers	2	0.00	80	0.38
Architectural Coating	Air Compressors	1	0.00	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	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2020

Mitigated Construction Off-Site

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

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

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

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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.4 Grading - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

3.4 Grading - 2020

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2021

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 Paving - 2022

Mitigated Construction Off-Site

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

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2022

Unmitigated Construction Off-Site

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

Mitigated Construction 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.7 Architectural Coating - 2022

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive 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	0.2648	1.5446	2.6357	0.0117	1.1159	7.3000e-003	1.1232	0.2989	6.7800e-003	0.3057	0.0000	1,088.4429	1,088.4429	0.0484	0.0000	1,089.6518
Unmitigated	0.2986	1.7216	3.4421	0.0160	1.5942	9.8300e-003	1.6040	0.4270	9.1300e-003	0.4362	0.0000	1,493.6434	1,493.6434	0.0624	0.0000	1,495.2026

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Hotel	1,683.92	1,777.23	1291.15	3,916,041	2,741,229
Office Park	0.00	0.00	0.00		
Quality Restaurant	70.50	123.14	150.68	127,373	89,161
Recreational Swimming Pool	0.00	0.00	0.00		
Regional Shopping Center	54.33	115.14	36.31	153,360	107,352
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	1,808.75	2,015.51	1,478.14	4,196,774	2,937,742

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Office Park	16.60	8.40	6.90	33.00	48.00	19.00	82	15	3
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Recreational Swimming Pool	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	65	35	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Hotel	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Office Park	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Quality Restaurant	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Recreational Swimming Pool	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Regional Shopping Center	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757
Unenclosed Parking with Elevator	0.552035	0.041482	0.206421	0.111285	0.012766	0.005738	0.022315	0.037879	0.002185	0.001506	0.004914	0.000717	0.000757

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

One Beverly Hilton - Existing Uses - 2030 - Existing Specific Plans - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	755.6324	755.6324	0.0320	6.4100e-003	758.3421
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	755.6324	755.6324	0.0320	6.4100e-003	758.3421
NaturalGas Mitigated	0.0484	0.4396	0.3693	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	478.6029	478.6029	9.1700e-003	8.7700e-003	481.4470
NaturalGas Unmitigated	0.0484	0.4396	0.3693	2.6400e-003		0.0334	0.0334		0.0334	0.0334	0.0000	478.6029	478.6029	9.1700e-003	8.7700e-003	481.4470

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					
City Park	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	8.14492e+006	0.0439	0.3993	0.3354	2.4000e-003		0.0303	0.0303		0.0303	0.0303	0.0000	434.6440	434.6440	8.3300e-003	7.9700e-003	437.2269
Office Park	207434	1.1200e-003	0.0102	8.5400e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0695	11.0695	2.1000e-004	2.0000e-004	11.1352
Quality Restaurant	611654	3.3000e-003	0.0300	0.0252	1.8000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	32.6402	32.6402	6.3000e-004	6.0000e-004	32.8341
Recreational Swimming Pool	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
Regional Shopping Center	4670.12	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2492	0.2492	0.0000	0.0000	0.2507
Unenclosed 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
Total		**0.0484**	**0.4396**	**0.3693**	**2.6400e-003**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**478.6029**	**478.6029**	**9.1700e-003**	**8.7700e-003**	**481.4470**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	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	8.14492e+006	0.0439	0.3993	0.3354	2.4000e-003		0.0303	0.0303		0.0303	0.0303	0.0000	434.6440	434.6440	8.3300e-003	7.9700e-003	437.2269
Office Park	207434	1.1200e-003	0.0102	8.5400e-003	6.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	11.0695	11.0695	2.1000e-004	2.0000e-004	11.1352
Quality Restaurant	611654	3.3000e-003	0.0300	0.0252	1.8000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	32.6402	32.6402	6.3000e-004	6.0000e-004	32.8341
Recreational Swimming Pool	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
Regional Shopping Center	4670.12	3.0000e-005	2.3000e-004	1.9000e-004	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2492	0.2492	0.0000	0.0000	0.2507
Unenclosed 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
Total		**0.0484**	**0.4396**	**0.3693**	**2.6400e-003**		**0.0334**	**0.0334**		**0.0334**	**0.0334**	**0.0000**	**478.6029**	**478.6029**	**9.1700e-003**	**8.7700e-003**	**481.4470**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	2.85466e+006	458.2094	0.0194	3.8800e-003	459.8526
Office Park	288295	46.2750	1.9600e-003	3.9000e-004	46.4409
Quality Restaurant	126115	20.2431	8.6000e-004	1.7000e-004	20.3157
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	40953.4	6.5735	2.8000e-004	6.0000e-005	6.5971
Unenclosed Parking with Elevator	1.39759e+006	224.3313	9.5100e-003	1.9000e-003	225.1358
Total		**755.6324**	**0.0320**	**6.4000e-003**	**758.3421**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Hotel	2.85466e+006	458.2094	0.0194	3.8800e-003	459.8526
Office Park	288295	46.2750	1.9600e-003	3.9000e-004	46.4409
Quality Restaurant	126115	20.2431	8.6000e-004	1.7000e-004	20.3157
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	40953.4	6.5735	2.8000e-004	6.0000e-005	6.5971
Unenclosed Parking with Elevator	1.39759e+006	224.3313	9.5100e-003	1.9000e-003	225.1358
Total		**755.6324**	**0.0320**	**6.4000e-003**	**758.3421**

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	1.4174	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392
Unmitigated	1.4174	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392

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	0.1634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7200e-003	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392
Total	**1.4174**	**1.7000e-004**	**0.0188**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0368**	**0.0368**	**9.0000e-005**	**0.0000**	**0.0392**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.7200e-003	1.7000e-004	0.0188	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0368	0.0368	9.0000e-005	0.0000	0.0392
Total	**1.4174**	**1.7000e-004**	**0.0188**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0368**	**0.0368**	**9.0000e-005**	**0.0000**	**0.0392**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	31.1335	0.0131	7.7900e-003	33.7816
Unmitigated	31.1335	0.0131	7.7900e-003	33.7816

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	2.1248	9.0000e-005	2.0000e-005	2.1324
Hotel	5.50459 / 0.611621	14.5430	7.2400e-003	4.3400e-003	16.0179
Office Park	3.07835 / 1.88673	10.8876	4.1600e-003	2.4500e-003	11.7223
Quality Restaurant	0.792223 / 0.0505674	2.0262	1.0400e-003	6.2000e-004	2.2383
Recreational Swimming Pool	0.248401 / 0.152246	0.8786	3.4000e-004	2.0000e-004	0.9459
Regional Shopping Center	0.190366 / 0.116676	0.6733	2.6000e-004	1.5000e-004	0.7249
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**31.1334**	**0.0131**	**7.7800e-003**	**33.7816**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.19148	2.1248	9.0000e-005	2.0000e-005	2.1324
Hotel	5.50459 / 0.611621	14.5430	7.2400e-003	4.3400e-003	16.0179
Office Park	3.07835 / 1.88673	10.8876	4.1600e-003	2.4500e-003	11.7223
Quality Restaurant	0.792223 / 0.0505674	2.0262	1.0400e-003	6.2000e-004	2.2383
Recreational Swimming Pool	0.248401 / 0.152246	0.8786	3.4000e-004	2.0000e-004	0.9459
Regional Shopping Center	0.190366 / 0.116676	0.6733	2.6000e-004	1.5000e-004	0.7249
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**31.1334**	**0.0131**	**7.7800e-003**	**33.7816**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	26.6373	1.5742	0.0000	65.9928
Unmitigated	33.2966	1.9678	0.0000	82.4909

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.09	0.0183	1.0800e-003	0.0000	0.0453
Hotel	118.81	24.1174	1.4253	0.0000	59.7497
Office Park	16.11	3.2702	0.1933	0.0000	8.1017
Quality Restaurant	2.38	0.4831	0.0286	0.0000	1.1969
Recreational Swimming Pool	23.94	4.8596	0.2872	0.0000	12.0395
Regional Shopping Center	2.7	0.5481	0.0324	0.0000	1.3578
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**33.2966**	**1.9678**	**0.0000**	**82.4909**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.072	0.0146	8.6000e-004	0.0000	0.0362
Hotel	95.048	19.2939	1.1402	0.0000	47.7998
Office Park	12.888	2.6162	0.1546	0.0000	6.4814
Quality Restaurant	1.904	0.3865	0.0228	0.0000	0.9575
Recreational Swimming Pool	19.152	3.8877	0.2298	0.0000	9.6316
Regional Shopping Center	2.16	0.4385	0.0259	0.0000	1.0863
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**26.6373**	**1.5742**	**0.0000**	**65.9927**

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

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 19-09959 One Beverly Hills - Existing Uses - Existing Specific Plans

Vehicle Population Breakdown*	
13012853	Gasoline vehicles
689595	Diesel vehicles
95.0%	Gasoline vehicle %
5.0%	Diesel vehicle %

VMT per Vehicle Type	
2,937,742	Project VMT (CalEEMod output)
2789896	Gasoline vehicle VMT
147846	Diesel vehicle VMT

Gasoline Vehicles	
95.0%	Gasoline vehicle %
1.5446	Tons per year mobile NOX emissions (annual output in CalEEMod)
1.47	Gasoline vehicle tons per year NOX emissions
0.0799	Tons per year N2O emissions for gasoline vehicles**
0.0725	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
1.60	grams N2O per gallon of fuel for diesel vehicles**
23.24	Diesel average miles per gallon*
0.06885	grams per mile N2O for diesel vehicles
10179.6	grams per year N2O for diesel vehicles
0.0101796	Metric tons per year N2O emissions for diesel vehicles

CO2e Emissions from N2O	
0.0827	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
24.6	**CO2e emissions per year from N2O emissions from gasoline + diesel vehicles**

Sources
***Vehicle population source:** Source: EMFAC2017 (v1.0.3) Emissions Inventory Region Type: Air District Region: South Coast AQMD Calendar Year: 2030 Season: Annual Vehicle Classification: EMFAC2011 Categories ****Methodology source:** EMFAC2017 Volume III - Technical Documentation https://www.arb.ca.gov/msei/emfac2011-faq.htm *****GWP source:** Intergovernmental Panel on Climate Change (IPCC). 2007. AR4 Climate Change 2007: The Physical Science Basis. Contrbution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change.