

Downtown Palm Springs Addendum

Salton Sea Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	97.80	1000sqft	1.50	97,800.00	0
Other Asphalt Surfaces	1.74	Acre	1.74	75,794.40	0
City Park	0.72	Acre	0.72	31,363.20	0
Hotel	620.00	Room	6.00	900,240.00	0
Apartments High Rise	650.00	Dwelling Unit	4.00	650,000.00	2100
Regional Shopping Center	293.50	1000sqft	6.19	293,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	15			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Air Quality Modeling for the Downtown Palm Springs EIR Addendum.

Land Use - The commercial/retail space was characterized as "regional shopping center" due to similar retail activities. Traffic counts will be modified per the project Traffic Report. Division of acreage is assumed for AQ purposes, actual acreage breakdown may vary.

Construction Phase - Assumes a 5 year buildout period from 2016-2021.

Off-road Equipment - Default equipment lists are assumed.

On-road Fugitive Dust - All roadways in the planning area are currently paved.

Grading - Export data provided by Sanborn A E, September 23, 2015.

Architectural Coating - Assumes low VOC paint per SCAQMD 1113.

Vehicle Trips - Trip rate modifications based on 2015 Traffic Report.

Road Dust - All roads in planning area are paved.

Woodstoves - There will be no wood burning appliances within the residential development.

Energy Use -

Water And Wastewater - No septic tanks.

Construction Off-road Equipment Mitigation - Application of standard dust control measures. Apply oxidation catalysts to all equipment for a 15% reduction.

Area Coating - Low VOC paints will be reapplied, per SCAQMD Rule 1113.

Area Mitigation - The lowest VOC paint, or no VOC paint will be applied in the event mitigation is required for ROG.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	ReapplicationRatePercent	10	5
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	25
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	25

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
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tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	20.00	450.00
tblConstructionPhase	NumDays	370.00	800.00

tblConstructionPhase	NumDays	35.00	60.00
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	PhaseEndDate	8/22/2019	8/23/2019
tblConstructionPhase	PhaseStartDate	5/31/2019	6/1/2019
tblGrading	AcresOfGrading	150.00	20.15
tblGrading	MaterialExported	0.00	8,753.00
tblLandUse	LotAcreage	2.25	1.50
tblLandUse	LotAcreage	20.67	6.00
tblLandUse	LotAcreage	10.48	4.00
tblLandUse	LotAcreage	6.74	6.19
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblRoadDust	RoadPercentPave	50	100

tblVehicleTrips	ST_TR	7.16	4.24
tblVehicleTrips	ST_TR	2.37	2.45
tblVehicleTrips	ST_TR	49.97	62.04
tblVehicleTrips	WD_TR	6.59	4.10
tblVehicleTrips	WD_TR	11.01	13.10
tblVehicleTrips	WD_TR	8.17	8.35
tblVehicleTrips	WD_TR	42.94	46.57
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
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					
2016	1.2118	8.0224	12.2565	0.0177	1.3209	0.3653	1.6862	0.4796	0.3393	0.8189	0.0000	1,469.510 4	1,469.510 4	0.1620	0.0000	1,472.911 5
2017	1.2673	6.6939	14.0139	0.0225	1.2788	0.2887	1.5675	0.3430	0.2700	0.6130	0.0000	1,770.832 8	1,770.832 8	0.1339	0.0000	1,773.645 5
2018	1.1275	6.0155	13.0480	0.0225	1.2836	0.2491	1.5327	0.3442	0.2331	0.5773	0.0000	1,729.275 9	1,729.275 9	0.1295	0.0000	1,731.994 8
2019	3.7465	2.8395	6.0289	0.0111	0.6120	0.1211	0.7331	0.1639	0.1133	0.2772	0.0000	829.7816	829.7816	0.0754	0.0000	831.3650
2020	9.3241	0.3355	1.3223	2.9300e-003	0.2199	0.0159	0.2358	0.0584	0.0158	0.0742	0.0000	193.2633	193.2633	0.0117	0.0000	193.5082
2021	3.4138	0.1132	0.4650	1.0700e-003	0.0806	5.0300e-003	0.0856	0.0214	5.0000e-003	0.0264	0.0000	69.9521	69.9521	4.0700e-003	0.0000	70.0376
Total	20.0911	24.0199	47.1346	0.0778	4.7958	1.0451	5.8409	1.4105	0.9765	2.3870	0.0000	6,062.616 0	6,062.616 0	0.5165	0.0000	6,073.462 5

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	9.6162	0.0883	6.8351	6.7500e-003		0.3873	0.3873		0.3870	0.3870	43.5002	519.8742	563.3745	0.2208	9.3900e-003	570.9214
Energy	0.3530	3.1858	2.5272	0.0193		0.2439	0.2439		0.2439	0.2439	0.0000	11,046.5706	11,046.5706	0.4142	0.1359	11,097.3897
Mobile	10.7042	21.4200	109.8559	0.2002	12.8357	0.3951	13.2309	3.4295	0.3642	3.7937	0.0000	13,804.5169	13,804.5169	0.5303	0.0000	13,815.6538
Waste						0.0000	0.0000		0.0000	0.0000	210.6315	0.0000	210.6315	12.4480	0.0000	472.0389
Water						0.0000	0.0000		0.0000	0.0000	34.3896	531.5878	565.9773	0.9234	0.0798	610.1202
Total	20.6734	24.6942	119.2183	0.2262	12.8357	1.0264	13.8621	3.4295	0.9950	4.4245	288.5214	25,902.5495	26,191.0708	14.5367	0.2251	26,566.1240

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	7.6817	0.0558	4.8409	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.9018	7.9018	7.6500e-003	0.0000	8.0626
Energy	0.3530	3.1858	2.5272	0.0193		0.2439	0.2439		0.2439	0.2439	0.0000	11,046.5706	11,046.5706	0.4142	0.1359	11,097.3897
Mobile	10.7042	21.4200	109.8559	0.2002	12.8357	0.3951	13.2309	3.4295	0.3642	3.7937	0.0000	13,804.5169	13,804.5169	0.5303	0.0000	13,815.6538
Waste						0.0000	0.0000		0.0000	0.0000	210.6315	0.0000	210.6315	12.4480	0.0000	472.0389
Water						0.0000	0.0000		0.0000	0.0000	34.3896	531.5878	565.9773	0.9228	0.0797	610.0653
Total	18.7388	24.6617	117.2240	0.2197	12.8357	0.6657	13.5015	3.4295	0.6348	4.0643	245.0211	25,390.5771	25,635.5982	14.3229	0.2156	26,003.2103

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.36	0.13	1.67	2.87	0.00	35.14	2.60	0.00	36.20	8.14	15.08	1.98	2.12	1.47	4.23	2.12

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	2/11/2016	5	30	
2	Grading	Grading	2/12/2016	5/5/2016	5	60	
3	Building Construction	Building Construction	5/6/2016	5/30/2019	5	800	
4	Paving	Paving	6/1/2019	8/23/2019	5	60	
5	Architectural Coating	Architectural Coating	8/24/2019	5/14/2021	5	450	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.15

Acres of Paving: 0

**Residential Indoor: 1,316,250; Residential Outdoor: 438,750; Non-Residential Indoor: 2,098,046; Non-Residential Outdoor: 699,349
(Architectural Coating – sqft)**

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,094.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,016.00	299.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	203.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2710	0.0000	0.2710	0.1490	0.0000	0.1490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.8195	0.6166	5.9000e-004		0.0441	0.0441		0.0406	0.0406	0.0000	55.3157	55.3157	0.0167	0.0000	55.6661
Total	0.0762	0.8195	0.6166	5.9000e-004	0.2710	0.0441	0.3151	0.1490	0.0406	0.1895	0.0000	55.3157	55.3157	0.0167	0.0000	55.6661

3.2 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1500e-003	1.6200e-003	0.0155	3.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.9057	1.9057	1.2000e-004	0.0000	1.9082
Total	1.1500e-003	1.6200e-003	0.0155	3.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.9057	1.9057	1.2000e-004	0.0000	1.9082

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1057	0.0000	0.1057	0.0581	0.0000	0.0581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.6966	0.6166	5.9000e-004		0.0441	0.0441		0.0406	0.0406	0.0000	55.3156	55.3156	0.0167	0.0000	55.6660
Total	0.0762	0.6966	0.6166	5.9000e-004	0.1057	0.0441	0.1498	0.0581	0.0406	0.0986	0.0000	55.3156	55.3156	0.0167	0.0000	55.6660

3.2 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1500e-003	1.6200e-003	0.0155	3.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.9057	1.9057	1.2000e-004	0.0000	1.9082
Total	1.1500e-003	1.6200e-003	0.0155	3.0000e-005	2.2300e-003	1.0000e-005	2.2500e-003	5.9000e-004	1.0000e-005	6.1000e-004	0.0000	1.9057	1.9057	1.2000e-004	0.0000	1.9082

3.3 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1922	0.0000	0.1922	0.1006	0.0000	0.1006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1944	2.2444	1.4741	1.8500e-003		0.1075	0.1075		0.0989	0.0989	0.0000	174.5872	174.5872	0.0527	0.0000	175.6931
Total	0.1944	2.2444	1.4741	1.8500e-003	0.1922	0.1075	0.2998	0.1006	0.0989	0.1995	0.0000	174.5872	174.5872	0.0527	0.0000	175.6931

3.3 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0102	0.1309	0.1332	3.8000e-004	9.4800e-003	2.9900e-003	0.0125	2.6000e-003	2.7500e-003	5.3500e-003	0.0000	35.0236	35.0236	2.0000e-004	0.0000	35.0278
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5500e-003	3.5900e-003	0.0343	6.0000e-005	4.9600e-003	3.0000e-005	4.9900e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	4.2349	4.2349	2.6000e-004	0.0000	4.2405
Total	0.0127	0.1345	0.1676	4.4000e-004	0.0144	3.0200e-003	0.0175	3.9200e-003	2.7800e-003	6.7000e-003	0.0000	39.2585	39.2585	4.6000e-004	0.0000	39.2682

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0750	0.0000	0.0750	0.0392	0.0000	0.0392	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1944	1.9078	1.4741	1.8500e-003		0.1075	0.1075		0.0989	0.0989	0.0000	174.5870	174.5870	0.0527	0.0000	175.6929
Total	0.1944	1.9078	1.4741	1.8500e-003	0.0750	0.1075	0.1825	0.0392	0.0989	0.1382	0.0000	174.5870	174.5870	0.0527	0.0000	175.6929

3.3 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0102	0.1309	0.1332	3.8000e-004	9.4800e-003	2.9900e-003	0.0125	2.6000e-003	2.7500e-003	5.3500e-003	0.0000	35.0236	35.0236	2.0000e-004	0.0000	35.0278
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5500e-003	3.5900e-003	0.0343	6.0000e-005	4.9600e-003	3.0000e-005	4.9900e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	4.2349	4.2349	2.6000e-004	0.0000	4.2405
Total	0.0127	0.1345	0.1676	4.4000e-004	0.0144	3.0200e-003	0.0175	3.9200e-003	2.7800e-003	6.7000e-003	0.0000	39.2585	39.2585	4.6000e-004	0.0000	39.2682

3.4 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2912	2.4373	1.5823	2.2900e-003		0.1682	0.1682		0.1580	0.1580	0.0000	207.0413	207.0413	0.0514	0.0000	208.1197
Total	0.2912	2.4373	1.5823	2.2900e-003		0.1682	0.1682		0.1580	0.1580	0.0000	207.0413	207.0413	0.0514	0.0000	208.1197

3.4 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2671	1.8653	3.4289	4.1900e-003	0.1229	0.0377	0.1606	0.0349	0.0346	0.0695	0.0000	378.2673	378.2673	2.5800e-003	0.0000	378.3215
Worker	0.3691	0.5199	4.9716	8.3200e-003	0.7182	4.7500e-003	0.7229	0.1907	4.3700e-003	0.1950	0.0000	613.1348	613.1348	0.0381	0.0000	613.9348
Total	0.6362	2.3851	8.4005	0.0125	0.8411	0.0424	0.8835	0.2256	0.0390	0.2646	0.0000	991.4020	991.4020	0.0407	0.0000	992.2563

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2912	2.0717	1.5823	2.2900e-003		0.1682	0.1682		0.1580	0.1580	0.0000	207.0411	207.0411	0.0514	0.0000	208.1194
Total	0.2912	2.0717	1.5823	2.2900e-003		0.1682	0.1682		0.1580	0.1580	0.0000	207.0411	207.0411	0.0514	0.0000	208.1194

3.4 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2671	1.8653	3.4289	4.1900e-003	0.1229	0.0377	0.1606	0.0349	0.0346	0.0695	0.0000	378.2673	378.2673	2.5800e-003	0.0000	378.3215
Worker	0.3691	0.5199	4.9716	8.3200e-003	0.7182	4.7500e-003	0.7229	0.1907	4.3700e-003	0.1950	0.0000	613.1348	613.1348	0.0381	0.0000	613.9348
Total	0.6362	2.3851	8.4005	0.0125	0.8411	0.0424	0.8835	0.2256	0.0390	0.2646	0.0000	991.4020	991.4020	0.0407	0.0000	992.2563

3.4 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3592	2.5416	4.8258	6.3500e-003	0.1869	0.0501	0.2370	0.0531	0.0461	0.0992	0.0000	565.3725	565.3725	3.6900e-003	0.0000	565.4501
Worker	0.5048	0.7195	6.8313	0.0126	1.0919	7.0200e-003	1.0989	0.2899	6.4700e-003	0.2964	0.0000	894.1374	894.1374	0.0536	0.0000	895.2635
Total	0.8640	3.2611	11.6571	0.0190	1.2788	0.0571	1.3359	0.3430	0.0525	0.3955	0.0000	1,459.5099	1,459.5099	0.0573	0.0000	1,460.7136

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4033	2.9178	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315
Total	0.4033	2.9178	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3592	2.5416	4.8258	6.3500e-003	0.1869	0.0501	0.2370	0.0531	0.0461	0.0992	0.0000	565.3725	565.3725	3.6900e-003	0.0000	565.4501
Worker	0.5048	0.7195	6.8313	0.0126	1.0919	7.0200e-003	1.0989	0.2899	6.4700e-003	0.2964	0.0000	894.1374	894.1374	0.0536	0.0000	895.2635
Total	0.8640	3.2611	11.6571	0.0190	1.2788	0.0571	1.3359	0.3430	0.0525	0.3955	0.0000	1,459.5099	1,459.5099	0.0573	0.0000	1,460.7136

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.3218	2.3180	4.5225	6.3600e-003	0.1875	0.0471	0.2347	0.0532	0.0434	0.0966	0.0000	557.3637	557.3637	3.6400e-003	0.0000	557.4401
Worker	0.4574	0.6620	6.2375	0.0127	1.0961	6.9300e-003	1.1031	0.2910	6.4100e-003	0.2974	0.0000	862.9278	862.9278	0.0502	0.0000	863.9824
Total	0.7792	2.9800	10.7600	0.0190	1.2836	0.0541	1.3377	0.3442	0.0498	0.3940	0.0000	1,420.2914	1,420.2914	0.0539	0.0000	1,421.4225

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3483	2.5802	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	0.3483	2.5802	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.3218	2.3180	4.5225	6.3600e-003	0.1875	0.0471	0.2347	0.0532	0.0434	0.0966	0.0000	557.3637	557.3637	3.6400e-003	0.0000	557.4401
Worker	0.4574	0.6620	6.2375	0.0127	1.0961	6.9300e-003	1.1031	0.2910	6.4100e-003	0.2974	0.0000	862.9278	862.9278	0.0502	0.0000	863.9824
Total	0.7792	2.9800	10.7600	0.0190	1.2836	0.0541	1.3377	0.3442	0.0498	0.3940	0.0000	1,420.2914	1,420.2914	0.0539	0.0000	1,421.4225

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1270	1.1321	0.9245	1.4500e-003		0.0694	0.0694		0.0653	0.0653	0.0000	126.4263	126.4263	0.0308	0.0000	127.0723
Total	0.1270	1.1321	0.9245	1.4500e-003		0.0694	0.0694		0.0653	0.0653	0.0000	126.4263	126.4263	0.0308	0.0000	127.0723

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1220	0.8768	1.7744	2.6200e-003	0.0776	0.0181	0.0957	0.0220	0.0167	0.0387	0.0000	226.5125	226.5125	1.4800e-003	0.0000	226.5436
Worker	0.1738	0.2530	2.3883	5.2400e-003	0.4536	2.8700e-003	0.4564	0.1204	2.6600e-003	0.1231	0.0000	343.6675	343.6675	0.0196	0.0000	344.0800
Total	0.2958	1.1298	4.1627	7.8600e-003	0.5311	0.0210	0.5521	0.1424	0.0193	0.1617	0.0000	570.1800	570.1800	0.0211	0.0000	570.6236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1270	0.9623	0.9245	1.4500e-003		0.0694	0.0694		0.0653	0.0653	0.0000	126.4262	126.4262	0.0308	0.0000	127.0721
Total	0.1270	0.9623	0.9245	1.4500e-003		0.0694	0.0694		0.0653	0.0653	0.0000	126.4262	126.4262	0.0308	0.0000	127.0721

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1220	0.8768	1.7744	2.6200e-003	0.0776	0.0181	0.0957	0.0220	0.0167	0.0387	0.0000	226.5125	226.5125	1.4800e-003	0.0000	226.5436
Worker	0.1738	0.2530	2.3883	5.2400e-003	0.4536	2.8700e-003	0.4564	0.1204	2.6600e-003	0.1231	0.0000	343.6675	343.6675	0.0196	0.0000	344.0800
Total	0.2958	1.1298	4.1627	7.8600e-003	0.5311	0.0210	0.5521	0.1424	0.0193	0.1617	0.0000	570.1800	570.1800	0.0211	0.0000	570.6236

3.5 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.4481	0.4310	6.7000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	60.1184	60.1184	0.0190	0.0000	60.5178
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0451	0.4481	0.4310	6.7000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	60.1184	60.1184	0.0190	0.0000	60.5178

3.5 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4300e-003	2.0800e-003	0.0196	4.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.8188	2.8188	1.6000e-004	0.0000	2.8222
Total	1.4300e-003	2.0800e-003	0.0196	4.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.8188	2.8188	1.6000e-004	0.0000	2.8222

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.3809	0.4310	6.7000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	60.1183	60.1183	0.0190	0.0000	60.5178
Paving	2.2800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0451	0.3809	0.4310	6.7000e-004		0.0243	0.0243		0.0223	0.0223	0.0000	60.1183	60.1183	0.0190	0.0000	60.5178

3.5 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4300e-003	2.0800e-003	0.0196	4.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.8188	2.8188	1.6000e-004	0.0000	2.8222
Total	1.4300e-003	2.0800e-003	0.0196	4.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.8188	2.8188	1.6000e-004	0.0000	2.8222

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.2354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.0844	0.0847	1.4000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	11.7450	11.7450	9.9000e-004	0.0000	11.7658
Total	3.2477	0.0844	0.0847	1.4000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	11.7450	11.7450	9.9000e-004	0.0000	11.7658

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0296	0.0431	0.4065	8.9000e-004	0.0772	4.9000e-004	0.0777	0.0205	4.5000e-004	0.0210	0.0000	58.4931	58.4931	3.3400e-003	0.0000	58.5633
Total	0.0296	0.0431	0.4065	8.9000e-004	0.0772	4.9000e-004	0.0777	0.0205	4.5000e-004	0.0210	0.0000	58.4931	58.4931	3.3400e-003	0.0000	58.5633

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.2354					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.0718	0.0847	1.4000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	11.7450	11.7450	9.9000e-004	0.0000	11.7658
Total	3.2477	0.0718	0.0847	1.4000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	11.7450	11.7450	9.9000e-004	0.0000	11.7658

3.6 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0296	0.0431	0.4065	8.9000e-004	0.0772	4.9000e-004	0.0777	0.0205	4.5000e-004	0.0210	0.0000	58.4931	58.4931	3.3400e-003	0.0000	58.5633
Total	0.0296	0.0431	0.4065	8.9000e-004	0.0772	4.9000e-004	0.0777	0.0205	4.5000e-004	0.0210	0.0000	58.4931	58.4931	3.3400e-003	0.0000	58.5633

3.6 Architectural Coating - 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					
Archit. Coating	9.2138					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	9.2455	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020

3.6 Architectural Coating - 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	0.0786	0.1149	1.0823	2.5400e-003	0.2199	1.3900e-003	0.2212	0.0584	1.2900e-003	0.0597	0.0000	159.8157	159.8157	9.0700e-003	0.0000	160.0062
Total	0.0786	0.1149	1.0823	2.5400e-003	0.2199	1.3900e-003	0.2212	0.0584	1.2900e-003	0.0597	0.0000	159.8157	159.8157	9.0700e-003	0.0000	160.0062

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.2138					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.1875	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	9.2455	0.1875	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020

3.6 Architectural Coating - 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	0.0786	0.1149	1.0823	2.5400e-003	0.2199	1.3900e-003	0.2212	0.0584	1.2900e-003	0.0597	0.0000	159.8157	159.8157	9.0700e-003	0.0000	160.0062
Total	0.0786	0.1149	1.0823	2.5400e-003	0.2199	1.3900e-003	0.2212	0.0584	1.2900e-003	0.0597	0.0000	159.8157	159.8157	9.0700e-003	0.0000	160.0062

3.6 Architectural Coating - 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					
Archit. Coating	3.3761					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0733	0.0872	1.4000e-004		4.5200e-003	4.5200e-003		4.5200e-003	4.5200e-003	0.0000	12.2556	12.2556	8.4000e-004	0.0000	12.2733
Total	3.3866	0.0733	0.0872	1.4000e-004		4.5200e-003	4.5200e-003		4.5200e-003	4.5200e-003	0.0000	12.2556	12.2556	8.4000e-004	0.0000	12.2733

3.6 Architectural Coating - 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	0.0273	0.0399	0.3777	9.3000e-004	0.0806	5.2000e-004	0.0811	0.0214	4.8000e-004	0.0219	0.0000	57.6965	57.6965	3.2300e-003	0.0000	57.7643
Total	0.0273	0.0399	0.3777	9.3000e-004	0.0806	5.2000e-004	0.0811	0.0214	4.8000e-004	0.0219	0.0000	57.6965	57.6965	3.2300e-003	0.0000	57.7643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.3761					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0623	0.0872	1.4000e-004		4.5200e-003	4.5200e-003		4.5200e-003	4.5200e-003	0.0000	12.2556	12.2556	8.4000e-004	0.0000	12.2733
Total	3.3866	0.0623	0.0872	1.4000e-004		4.5200e-003	4.5200e-003		4.5200e-003	4.5200e-003	0.0000	12.2556	12.2556	8.4000e-004	0.0000	12.2733

3.6 Architectural Coating - 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	0.0273	0.0399	0.3777	9.3000e-004	0.0806	5.2000e-004	0.0811	0.0214	4.8000e-004	0.0219	0.0000	57.6965	57.6965	3.2300e-003	0.0000	57.7643
Total	0.0273	0.0399	0.3777	9.3000e-004	0.0806	5.2000e-004	0.0811	0.0214	4.8000e-004	0.0219	0.0000	57.6965	57.6965	3.2300e-003	0.0000	57.7643

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	10.7042	21.4200	109.8559	0.2002	12.8357	0.3951	13.2309	3.4295	0.3642	3.7937	0.0000	13,804.5169	13,804.5169	0.5303	0.0000	13,815.6538
Unmitigated	10.7042	21.4200	109.8559	0.2002	12.8357	0.3951	13.2309	3.4295	0.3642	3.7937	0.0000	13,804.5169	13,804.5169	0.5303	0.0000	13,815.6538

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	2,665.00	2,756.00	3945.50	6,399,671	6,399,671
City Park	1.14	1.14	1.14	2,183	2,183
General Office Building	1,281.18	239.61	95.84	2,055,285	2,055,285
Hotel	5,177.00	5,077.80	3689.00	7,351,338	7,351,338
Other Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	13,668.30	18,208.74	7407.94	17,777,143	17,777,143
Total	22,792.62	26,283.29	15,139.43	33,585,620	33,585,620

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.469364	0.065576	0.169825	0.159036	0.038089	0.006139	0.011322	0.071493	0.001371	0.001211	0.003602	0.000518	0.002454

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	7,553.4331	7,553.4331	0.3472	0.0718	7,582.9936
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	7,553.4331	7,553.4331	0.3472	0.0718	7,582.9936
NaturalGas Mitigated	0.3530	3.1858	2.5272	0.0193		0.2439	0.2439		0.2439	0.2439	0.0000	3,493.1374	3,493.1374	0.0670	0.0640	3,514.3961
NaturalGas Unmitigated	0.3530	3.1858	2.5272	0.0193		0.2439	0.2439		0.2439	0.2439	0.0000	3,493.1374	3,493.1374	0.0670	0.0640	3,514.3961

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	7.79594e+006	0.0420	0.3592	0.1529	2.2900e-003		0.0290	0.0290		0.0290	0.0290	0.0000	416.0209	416.0209	7.9700e-003	7.6300e-003	418.5528
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
General Office Building	356970	1.9200e-003	0.0175	0.0147	1.0000e-004		1.3300e-003	1.3300e-003		1.3300e-003	1.3300e-003	0.0000	19.0493	19.0493	3.7000e-004	3.5000e-004	19.1652
Hotel	5.66251e+007	0.3053	2.7757	2.3316	0.0167		0.2110	0.2110		0.2110	0.2110	0.0000	3,021.7308	3,021.7308	0.0579	0.0554	3,040.1205
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	680920	3.6700e-003	0.0334	0.0280	2.0000e-004		2.5400e-003	2.5400e-003		2.5400e-003	2.5400e-003	0.0000	36.3365	36.3365	7.0000e-004	6.7000e-004	36.5576
Total		0.3530	3.1858	2.5272	0.0192		0.2439	0.2439		0.2439	0.2439	0.0000	3,493.1374	3,493.1374	0.0670	0.0641	3,514.3961

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	7.79594e+006	0.0420	0.3592	0.1529	2.2900e-003		0.0290	0.0290		0.0290	0.0290	0.0000	416.0209	416.0209	7.9700e-003	7.6300e-003	418.5528
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
General Office Building	356970	1.9200e-003	0.0175	0.0147	1.0000e-004		1.3300e-003	1.3300e-003		1.3300e-003	1.3300e-003	0.0000	19.0493	19.0493	3.7000e-004	3.5000e-004	19.1652
Hotel	5.66251e+007	0.3053	2.7757	2.3316	0.0167		0.2110	0.2110		0.2110	0.2110	0.0000	3,021.7308	3,021.7308	0.0579	0.0554	3,040.1205
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	680920	3.6700e-003	0.0334	0.0280	2.0000e-004		2.5400e-003	2.5400e-003		2.5400e-003	2.5400e-003	0.0000	36.3365	36.3365	7.0000e-004	6.7000e-004	36.5576
Total		0.3530	3.1858	2.5272	0.0192		0.2439	0.2439		0.2439	0.2439	0.0000	3,493.1374	3,493.1374	0.0670	0.0641	3,514.3961

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.50565e+006	717.0329	0.0330	6.8200e-003	719.8391
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	1.04548e+006	299.1823	0.0138	2.8500e-003	300.3532
Hotel	1.82479e+007	5,221.9347	0.2400	0.0497	5,242.3709
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	4.59621e+006	1,315.2831	0.0605	0.0125	1,320.4305
Total		7,553.4331	0.3472	0.0718	7,582.9936

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	2.50565e+006	717.0329	0.0330	6.8200e-003	719.8391
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	1.04548e+006	299.1823	0.0138	2.8500e-003	300.3532
Hotel	1.82479e+007	5,221.9347	0.2400	0.0497	5,242.3709
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	4.59621e+006	1,315.2831	0.0605	0.0125	1,320.4305
Total		7,553.4331	0.3472	0.0718	7,582.9936

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- 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	7.6817	0.0558	4.8409	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.9018	7.9018	7.6500e-003	0.0000	8.0626
Unmitigated	9.6162	0.0883	6.8351	6.7500e-003		0.3873	0.3873		0.3870	0.3870	43.5002	519.8742	563.3745	0.2208	9.3900e-003	570.9214

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1972					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.0012					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2710	0.0325	1.9943	6.5000e-003		0.3606	0.3606		0.3602	0.3602	43.5002	511.9724	555.4726	0.2132	9.3900e-003	562.8589
Landscaping	0.1468	0.0558	4.8409	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.9018	7.9018	7.6500e-003	0.0000	8.0626
Total	9.6162	0.0883	6.8351	6.7600e-003		0.3873	0.3873		0.3870	0.3870	43.5002	519.8742	563.3745	0.2208	9.3900e-003	570.9214

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	0.1319					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.4030					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1468	0.0558	4.8409	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.9018	7.9018	7.6500e-003	0.0000	8.0626
Total	7.6817	0.0558	4.8409	2.6000e-004		0.0267	0.0267		0.0267	0.0267	0.0000	7.9018	7.9018	7.6500e-003	0.0000	8.0626

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	565.9773	0.9228	0.0797	610.0653
Unmitigated	565.9773	0.9234	0.0798	610.1202

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	42.3501 / 26.699	257.6721	0.4029	0.0349	276.9485
City Park	0 / 0.857867	2.7274	1.3000e-004	3.0000e-005	2.7381
General Office Building	17.3824 / 10.6537	104.7912	0.1653	0.0143	112.6993
Hotel	15.7274 / 1.74749	69.7233	0.1484	0.0127	76.7803
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	21.7403 / 13.3247	131.0633	0.2067	0.0179	140.9541
Total		565.9773	0.9234	0.0798	610.1202

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	42.3501 / 26.699	257.6721	0.4026	0.0348	276.9246
City Park	0 / 0.857867	2.7274	1.3000e-004	3.0000e-005	2.7381
General Office Building	17.3824 / 10.6537	104.7912	0.1652	0.0143	112.6895
Hotel	15.7274 / 1.74749	69.7233	0.1483	0.0127	76.7714
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	21.7403 / 13.3247	131.0633	0.2066	0.0179	140.9418
Total		565.9773	0.9228	0.0797	610.0653

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	210.6315	12.4480	0.0000	472.0389
Unmitigated	210.6315	12.4480	0.0000	472.0389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	299	60.6943	3.5869	0.0000	136.0198
City Park	0.06	0.0122	7.2000e-004	0.0000	0.0273
General Office Building	90.95	18.4620	1.0911	0.0000	41.3746
Hotel	339.45	68.9053	4.0722	0.0000	154.4212
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	308.18	62.5578	3.6971	0.0000	140.1960
Total		210.6315	12.4480	0.0000	472.0389

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	299	60.6943	3.5869	0.0000	136.0198
City Park	0.06	0.0122	7.2000e-004	0.0000	0.0273
General Office Building	90.95	18.4620	1.0911	0.0000	41.3746
Hotel	339.45	68.9053	4.0722	0.0000	154.4212
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	308.18	62.5578	3.6971	0.0000	140.1960
Total		210.6315	12.4480	0.0000	472.0389

9.0 Operational Offroad

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

Downtown Palm Springs Addendum

Salton Sea Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	97.80	1000sqft	1.50	97,800.00	0
Other Asphalt Surfaces	1.74	Acre	1.74	75,794.40	0
City Park	0.72	Acre	0.72	31,363.20	0
Hotel	620.00	Room	6.00	900,240.00	0
Apartments High Rise	650.00	Dwelling Unit	4.00	650,000.00	2100
Regional Shopping Center	293.50	1000sqft	6.19	293,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	15			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Air Quality Modeling for the Downtown Palm Springs EIR Addendum.

Land Use - The commercial/retail space was characterized as "regional shopping center" due to similar retail activities. Traffic counts will be modified per the project Traffic Report. Division of acreage is assumed for AQ purposes, actual acreage breakdown may vary.

Construction Phase - Assumes a 5 year buildout period from 2016-2021.

Off-road Equipment - Default equipment lists are assumed.

On-road Fugitive Dust - All roadways in the planning area are currently paved.

Grading - Export data provided by Sanborn A E, September 23, 2015.

Architectural Coating - Assumes low VOC paint per SCAQMD 1113.

Vehicle Trips - Trip rate modifications based on 2015 Traffic Report.

Road Dust - All roads in planning area are paved.

Woodstoves - There will be no wood burning appliances within the residential development.

Energy Use -

Water And Wastewater - No septic tanks.

Construction Off-road Equipment Mitigation - Application of standard dust control measures. Apply oxidation catalysts to all equipment for a 15% reduction.

Area Coating - Low VOC paints will be reapplied, per SCAQMD Rule 1113.

Area Mitigation - The lowest VOC paint, or no VOC paint will be applied in the event mitigation is required for ROG.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	ReapplicationRatePercent	10	5
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	25
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	25

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	20.00	450.00
tblConstructionPhase	NumDays	370.00	800.00

tblConstructionPhase	NumDays	35.00	60.00
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	PhaseEndDate	8/22/2019	8/23/2019
tblConstructionPhase	PhaseStartDate	5/31/2019	6/1/2019
tblGrading	AcresOfGrading	150.00	20.15
tblGrading	MaterialExported	0.00	8,753.00
tblLandUse	LotAcreage	2.25	1.50
tblLandUse	LotAcreage	20.67	6.00
tblLandUse	LotAcreage	10.48	4.00
tblLandUse	LotAcreage	6.74	6.19
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblRoadDust	RoadPercentPave	50	100

tblVehicleTrips	ST_TR	7.16	4.24
tblVehicleTrips	ST_TR	2.37	2.45
tblVehicleTrips	ST_TR	49.97	62.04
tblVehicleTrips	WD_TR	6.59	4.10
tblVehicleTrips	WD_TR	11.01	13.10
tblVehicleTrips	WD_TR	8.17	8.35
tblVehicleTrips	WD_TR	42.94	46.57
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
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					
2016	11.8388	79.0164	121.6113	0.1752	18.2169	3.6848	21.1565	9.9706	3.3900	12.6751	0.0000	15,623.2488	15,623.2488	1.9520	0.0000	15,664.2398
2017	10.6420	50.2039	111.7412	0.1750	9.9528	2.2185	12.1713	2.6666	2.0751	4.7418	0.0000	15,181.9241	15,181.9241	1.1351	0.0000	15,205.7609
2018	9.4478	44.9484	103.1498	0.1748	9.9521	1.9066	11.8587	2.6663	1.7843	4.4506	0.0000	14,767.9711	14,767.9711	1.0930	0.0000	14,790.9242
2019	71.3977	40.8569	96.8391	0.1746	9.9514	1.6718	11.6232	2.6660	1.5644	4.2304	0.0000	14,376.0142	14,376.0142	1.0584	0.0000	14,398.2401
2020	71.3177	2.5035	11.0638	0.0227	1.6984	0.1216	1.8200	0.4505	0.1208	0.5713	0.0000	1,652.0234	1,652.0234	0.0981	0.0000	1,654.0843
2021	71.2531	2.3044	10.6039	0.0228	1.6984	0.1049	1.8033	0.4505	0.1041	0.5546	0.0000	1,631.7788	1,631.7788	0.0935	0.0000	1,633.7423
Total	245.8970	219.8334	455.0091	0.7450	51.4700	9.7082	60.4331	18.8706	9.0387	27.2238	0.0000	63,232.9605	63,232.9605	5.4300	0.0000	63,346.9915

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	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169.5320	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709
Energy	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
Mobile	89.2734	144.9069	790.4003	1.4419	92.1430	2.7977	94.9407	24.5958	2.5785	27.1743		109,502.3505	109,502.3505	4.1431		109,589.3560
Total	149.8511	163.7761	906.6762	1.7087	92.1430	13.2264	105.3693	24.5958	12.9980	37.5937	1,169.5320	144,462.6040	145,632.1360	10.3724	0.6392	146,048.0971

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	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495
Energy	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
Mobile	89.2734	144.9069	790.4003	1.4419	92.1430	2.7977	94.9407	24.5958	2.5785	27.1743		109,502.3505	109,502.3505	4.1431		109,589.3560
Total	134.1254	162.9837	858.0353	1.5503	92.1430	4.4310	96.5739	24.5958	4.2117	28.8075	0.0000	130,697.8981	130,697.8981	4.6413	0.3868	130,915.2757

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	10.49	0.48	5.36	9.27	0.00	66.50	8.35	0.00	67.60	23.37	100.00	9.53	10.25	55.25	39.48	10.36

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	2/11/2016	5	30	
2	Grading	Grading	2/12/2016	5/5/2016	5	60	
3	Building Construction	Building Construction	5/6/2016	5/30/2019	5	800	
4	Paving	Paving	6/1/2019	8/23/2019	5	60	
5	Architectural Coating	Architectural Coating	8/24/2019	5/14/2021	5	450	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.15

Acres of Paving: 0

Residential Indoor: 1,316,250; Residential Outdoor: 438,750; Non-Residential Indoor: 2,098,046; Non-Residential Outdoor: 699,349
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,094.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,016.00	299.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	203.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.005 3	4,065.005 3	1.2262		4,090.754 4
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.005 3	4,065.005 3	1.2262		4,090.754 4

3.2 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0946	0.1005	1.1548	1.7600e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		142.6944	142.6944	8.7000e-003		142.8771
Total	0.0946	0.1005	1.1548	1.7600e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		142.6944	142.6944	8.7000e-003		142.8771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	5.0771	46.4375	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	46.4375	41.1053	0.0391	7.0458	2.9387	9.9845	3.8730	2.7036	6.5766	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544

3.2 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0946	0.1005	1.1548	1.7600e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		142.6944	142.6944	8.7000e-003		142.8771
Total	0.0946	0.1005	1.1548	1.7600e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		142.6944	142.6944	8.7000e-003		142.8771

3.3 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.4073	0.0000	6.4073	3.3531	0.0000	3.3531			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	6.4073	3.5842	9.9915	3.3531	3.2975	6.6506		6,414.9807	6,414.9807	1.9350		6,455.6154

3.3 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3345	4.0910	4.2636	0.0128	0.3193	0.0995	0.4187	0.0876	0.0915	0.1790		1,288.2487	1,288.2487	7.2900e-003		1,288.4019
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1051	0.1117	1.2832	1.9500e-003	0.1673	1.0900e-003	0.1684	0.0444	1.0100e-003	0.0454		158.5493	158.5493	9.6700e-003		158.7524
Total	0.4396	4.2027	5.5467	0.0147	0.4866	0.1006	0.5872	0.1319	0.0925	0.2244		1,446.7980	1,446.7980	0.0170		1,447.1543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.4988	0.0000	2.4988	1.3077	0.0000	1.3077			0.0000			0.0000
Off-Road	6.4795	63.5917	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	6.4795	63.5917	49.1374	0.0617	2.4988	3.5842	6.0831	1.3077	3.2975	4.6052	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

3.3 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3345	4.0910	4.2636	0.0128	0.3193	0.0995	0.4187	0.0876	0.0915	0.1790		1,288.2487	1,288.2487	7.2900e-003		1,288.4019
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1051	0.1117	1.2832	1.9500e-003	0.1673	1.0900e-003	0.1684	0.0444	1.0100e-003	0.0454		158.5493	158.5493	9.6700e-003		158.7524
Total	0.4396	4.2027	5.5467	0.0147	0.4866	0.1006	0.5872	0.1319	0.0925	0.2244		1,446.7980	1,446.7980	0.0170		1,447.1543

3.4 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

3.4 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.0954	20.7615	37.9202	0.0492	1.4522	0.4378	1.8900	0.4119	0.4025	0.8144		4,899.6574	4,899.6574	0.0326			4,900.3426
Worker	5.3372	5.6717	65.1844	0.0992	8.5006	0.0556	8.5562	2.2547	0.0511	2.3058		8,054.3051	8,054.3051	0.4912			8,064.6198
Total	8.4326	26.4332	103.1046	0.1484	9.9527	0.4934	10.4461	2.6666	0.4536	3.1202		12,953.9624	12,953.9624	0.5238			12,964.9624

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4062	24.2304	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890
Total	3.4062	24.2304	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890

3.4 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.0954	20.7615	37.9202	0.0492	1.4522	0.4378	1.8900	0.4119	0.4025	0.8144		4,899.6574	4,899.6574	0.0326			4,900.3426
Worker	5.3372	5.6717	65.1844	0.0992	8.5006	0.0556	8.5562	2.2547	0.0511	2.3058		8,054.3051	8,054.3051	0.4912			8,064.6198
Total	8.4326	26.4332	103.1046	0.1484	9.9527	0.4934	10.4461	2.6666	0.4536	3.1202		12,953.9624	12,953.9624	0.5238			12,964.9624

3.4 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.7329	18.6312	34.7545	0.0491	1.4522	0.3833	1.8355	0.4119	0.3524	0.7643		4,816.5238	4,816.5238	0.0307			4,817.1682
Worker	4.8067	5.1670	58.8576	0.0991	8.5006	0.0540	8.5546	2.2547	0.0498	2.3045		7,725.5950	7,725.5950	0.4547			7,735.1436
Total	7.5396	23.7982	93.6121	0.1482	9.9528	0.4373	10.3901	2.6666	0.4022	3.0688		12,542.1188	12,542.1188	0.4854			12,552.3119

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1024	22.4448	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490
Total	3.1024	22.4448	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.7329	18.6312	34.7545	0.0491	1.4522	0.3833	1.8355	0.4119	0.3524	0.7643		4,816.5238	4,816.5238	0.0307			4,817.1682
Worker	4.8067	5.1670	58.8576	0.0991	8.5006	0.0540	8.5546	2.2547	0.0498	2.3045		7,725.5950	7,725.5950	0.4547			7,735.1436
Total	7.5396	23.7982	93.6121	0.1482	9.9528	0.4373	10.3901	2.6666	0.4022	3.0688		12,542.1188	12,542.1188	0.4854			12,552.3119

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387			2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387			2,623.3517

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4339	16.9482	32.1273	0.0489	1.4515	0.3592	1.8107	0.4116	0.3304	0.7419		4,730.1860	4,730.1860	0.0301			4,730.8178
Worker	4.3452	4.7393	53.4898	0.0991	8.5006	0.0531	8.5537	2.2547	0.0491	2.3039		7,427.8462	7,427.8462	0.4242			7,436.7547
Total	6.7791	21.6875	85.6171	0.1480	9.9521	0.4124	10.3644	2.6663	0.3795	3.0458		12,158.0322	12,158.0322	0.4543			12,167.5725

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	19.7717	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517
Total	2.6687	19.7717	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4339	16.9482	32.1273	0.0489	1.4515	0.3592	1.8107	0.4116	0.3304	0.7419		4,730.1860	4,730.1860	0.0301			4,730.8178
Worker	4.3452	4.7393	53.4898	0.0991	8.5006	0.0531	8.5537	2.2547	0.0491	2.3039		7,427.8462	7,427.8462	0.4242			7,436.7547
Total	6.7791	21.6875	85.6171	0.1480	9.9521	0.4124	10.3644	2.6663	0.3795	3.0458		12,158.0322	12,158.0322	0.4543			12,167.5725

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279			2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279			2,593.9479

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.2275	15.5124	30.2637	0.0488	1.4508	0.3336	1.7844	0.4113	0.3068	0.7181		4,645.7490	4,645.7490	0.0295			4,646.3687
Worker	3.9875	4.3794	49.4551	0.0990	8.5006	0.0532	8.5538	2.2547	0.0493	2.3040		7,149.5035	7,149.5035	0.4010			7,157.9235
Total	6.2149	19.8918	79.7187	0.1478	9.9514	0.3868	10.3382	2.6660	0.3561	3.0221		11,795.2525	11,795.2525	0.4305			11,804.2922

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.3516	17.8203	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279			2,593.9479
Total	2.3516	17.8203	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279			2,593.9479

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.2275	15.5124	30.2637	0.0488	1.4508	0.3336	1.7844	0.4113	0.3068	0.7181		4,645.7490	4,645.7490	0.0295			4,646.3687
Worker	3.9875	4.3794	49.4551	0.0990	8.5006	0.0532	8.5538	2.2547	0.0493	2.3040		7,149.5035	7,149.5035	0.4010			7,157.9235
Total	6.2149	19.8918	79.7187	0.1478	9.9514	0.3868	10.3382	2.6660	0.3561	3.0221		11,795.2525	11,795.2525	0.4305			11,804.2922

3.5 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989			2,223.6499
Paving	0.0760					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.5018	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989			2,223.6499

3.5 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0589	0.0647	0.7301	1.4600e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		105.5537	105.5537	5.9200e-003			105.6780
Total	0.0589	0.0647	0.7301	1.4600e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		105.5537	105.5537	5.9200e-003			105.6780

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4259	12.6950	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989			2,223.6499
Paving	0.0760					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.5018	12.6950	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989			2,223.6499

3.5 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0589	0.0647	0.7301	1.4600e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		105.5537	105.5537	5.9200e-003			105.6780
Total	0.0589	0.0647	0.7301	1.4600e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		105.5537	105.5537	5.9200e-003			105.6780

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473
Total	70.6009	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.7967	0.8750	9.8813	0.0198	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,428.4933	1,428.4933	0.0801			1,430.1757
Total	0.7967	0.8750	9.8813	0.0198	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,428.4933	1,428.4933	0.0801			1,430.1757

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2664	1.5601	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238			281.9473
Total	70.6009	1.5601	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238			281.9473

3.6 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.7967	0.8750	9.8813	0.0198	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,428.4933	1,428.4933	0.0801			1,430.1757
Total	0.7967	0.8750	9.8813	0.0198	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,428.4933	1,428.4933	0.0801			1,430.1757

3.6 Architectural Coating - 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						
Archit. Coating	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218			281.9057
Total	70.5767	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218			281.9057

3.6 Architectural Coating - 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	0.7411	0.8196	9.2324	0.0198	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,370.5754	1,370.5754	0.0763			1,372.1786
Total	0.7411	0.8196	9.2324	0.0198	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,370.5754	1,370.5754	0.0763			1,372.1786

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2422	1.4313	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218			281.9057
Total	70.5767	1.4313	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218			281.9057

3.6 Architectural Coating - 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	0.7411	0.8196	9.2324	0.0198	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,370.5754	1,370.5754	0.0763			1,372.1786
Total	0.7411	0.8196	9.2324	0.0198	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,370.5754	1,370.5754	0.0763			1,372.1786

3.6 Architectural Coating - 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						
Archit. Coating	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537
Total	70.5534	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537

3.6 Architectural Coating - 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	0.6997	0.7776	8.7864	0.0198	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,350.3307	1,350.3307	0.0742			1,351.8886
Total	0.6997	0.7776	8.7864	0.0198	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,350.3307	1,350.3307	0.0742			1,351.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2189	1.2978	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.8537
Total	70.5534	1.2978	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.8537

3.6 Architectural Coating - 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	0.6997	0.7776	8.7864	0.0198	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,350.3307	1,350.3307	0.0742			1,351.8886
Total	0.6997	0.7776	8.7864	0.0198	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,350.3307	1,350.3307	0.0742			1,351.8886

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	89.2734	144.9069	790.4003	1.4419	92.1430	2.7977	94.9407	24.5958	2.5785	27.1743		109,502.3505	109,502.3505	4.1431			109,589.3560
Unmitigated	89.2734	144.9069	790.4003	1.4419	92.1430	2.7977	94.9407	24.5958	2.5785	27.1743		109,502.3505	109,502.3505	4.1431			109,589.3560

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	2,665.00	2,756.00	3945.50	6,399,671	6,399,671
City Park	1.14	1.14	1.14	2,183	2,183
General Office Building	1,281.18	239.61	95.84	2,055,285	2,055,285
Hotel	5,177.00	5,077.80	3689.00	7,351,338	7,351,338
Other Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	13,668.30	18,208.74	7407.94	17,777,143	17,777,143
Total	22,792.62	26,283.29	15,139.43	33,585,620	33,585,620

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.469364	0.065576	0.169825	0.159036	0.038089	0.006139	0.011322	0.071493	0.001371	0.001211	0.003602	0.000518	0.002454

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
NaturalGas Unmitigated	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	21358.7	0.2303	1.9684	0.8376	0.0126		0.1591	0.1591		0.1591	0.1591		2,512.7921	2,512.7921	0.0482	0.0461	2,528.0845
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
General Office Building	978	0.0106	0.0959	0.0805	5.8000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003		115.0588	115.0588	2.2100e-003	2.1100e-003	115.7591
Hotel	155137	1.6731	15.2095	12.7760	0.0913		1.1559	1.1559		1.1559	1.1559		18,251.4411	18,251.4411	0.3498	0.3346	18,362.5163
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1865.53	0.0201	0.1829	0.1536	1.1000e-003		0.0139	0.0139		0.0139	0.0139		219.4746	219.4746	4.2100e-003	4.0200e-003	220.8103
Total		1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

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
General Office Building	0.978	0.0106	0.0959	0.0805	5.8000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003		115.0588	115.0588	2.2100e-003	2.1100e-003	115.7591
Hotel	155.137	1.6731	15.2095	12.7760	0.0913		1.1559	1.1559		1.1559	1.1559		18,251.4411	18,251.4411	0.3498	0.3346	18,362.5163
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.86553	0.0201	0.1829	0.1536	1.1000e-003		0.0139	0.0139		0.0139	0.0139		219.4746	219.4746	4.2100e-003	4.0200e-003	220.8103
Apartments High Rise	21.3587	0.2303	1.9684	0.8376	0.0126		0.1591	0.1591		0.1591	0.1591		2,512.7921	2,512.7921	0.0482	0.0461	2,528.0845
Total		1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- 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	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495
Unmitigated	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169.5320	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709

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	6.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	43.8421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.6102	0.7924	48.6409	0.1585		8.7954	8.7954		8.7863	8.7863	1,169.5320	13,764.7059	14,934.2379	5.7312	0.2524	15,132.8214
Landscaping	1.6311	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970		96.7809	96.7809	0.0937		98.7495
Total	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169.5320	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709

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	0.7226					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	40.5642					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6311	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970		96.7809	96.7809	0.0937		98.7495
Total	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Downtown Palm Springs Addendum

Salton Sea Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	97.80	1000sqft	1.50	97,800.00	0
Other Asphalt Surfaces	1.74	Acre	1.74	75,794.40	0
City Park	0.72	Acre	0.72	31,363.20	0
Hotel	620.00	Room	6.00	900,240.00	0
Apartments High Rise	650.00	Dwelling Unit	4.00	650,000.00	2100
Regional Shopping Center	293.50	1000sqft	6.19	293,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.4	Precipitation Freq (Days)	20
Climate Zone	15			Operational Year	2022
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Air Quality Modeling for the Downtown Palm Springs EIR Addendum.

Land Use - The commercial/retail space was characterized as "regional shopping center" due to similar retail activities. Traffic counts will be modified per the project Traffic Report. Division of acreage is assumed for AQ purposes, actual acreage breakdown may vary.

Construction Phase - Assumes a 5 year buildout period from 2016-2021.

Off-road Equipment - Default equipment lists are assumed.

On-road Fugitive Dust - All roadways in the planning area are currently paved.

Grading - Export data provided by Sanborn A E, September 23, 2015.

Architectural Coating - Assumes low VOC paint per SCAQMD 1113.

Vehicle Trips - Trip rate modifications based on 2015 Traffic Report.

Road Dust - All roads in planning area are paved.

Woodstoves - There will be no wood burning appliances within the residential development.

Energy Use -

Water And Wastewater - No septic tanks.

Construction Off-road Equipment Mitigation - Application of standard dust control measures. Apply oxidation catalysts to all equipment for a 15% reduction.

Area Coating - Low VOC paints will be reapplied, per SCAQMD Rule 1113.

Area Mitigation - The lowest VOC paint, or no VOC paint will be applied in the event mitigation is required for ROG.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	ReapplicationRatePercent	10	5
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	100	25
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	25
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	25

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstEquipMitigation	OxidationCatalyst	0.00	15.00
tblConstructionPhase	NumDays	20.00	450.00
tblConstructionPhase	NumDays	370.00	800.00

tblConstructionPhase	NumDays	35.00	60.00
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	PhaseEndDate	8/22/2019	8/23/2019
tblConstructionPhase	PhaseStartDate	5/31/2019	6/1/2019
tblGrading	AcresOfGrading	150.00	20.15
tblGrading	MaterialExported	0.00	8,753.00
tblLandUse	LotAcreage	2.25	1.50
tblLandUse	LotAcreage	20.67	6.00
tblLandUse	LotAcreage	10.48	4.00
tblLandUse	LotAcreage	6.74	6.19
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	HaulingPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	VendorPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblOnRoadDust	WorkerPercentPave	50.00	100.00
tblProjectCharacteristics	OperationalYear	2014	2022
tblRoadDust	RoadPercentPave	50	100

tblVehicleTrips	ST_TR	7.16	4.24
tblVehicleTrips	ST_TR	2.37	2.45
tblVehicleTrips	ST_TR	49.97	62.04
tblVehicleTrips	WD_TR	6.59	4.10
tblVehicleTrips	WD_TR	11.01	13.10
tblVehicleTrips	WD_TR	8.17	8.35
tblVehicleTrips	WD_TR	42.94	46.57
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
tblWater	AerobicPercent	87.46	97.79
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					
2016	10.8480	79.3560	119.2893	0.1674	18.2169	3.6850	21.1565	9.9706	3.3902	12.6751	0.0000	14,985.4802	14,985.4802	1.9521	0.0000	15,026.4740
2017	9.7294	51.8524	110.5645	0.1672	9.9528	2.2236	12.1764	2.6666	2.0799	4.7465	0.0000	14,567.4109	14,567.4109	1.1366	0.0000	14,591.2793
2018	8.6031	46.4158	102.9577	0.1670	9.9521	1.9113	11.8634	2.6663	1.7886	4.4549	0.0000	14,174.9242	14,174.9242	1.0945	0.0000	14,197.9096
2019	71.1932	42.1725	97.2675	0.1668	9.9514	1.6761	11.6275	2.6660	1.5683	4.2343	0.0000	13,803.0282	13,803.0282	1.0599	0.0000	13,825.2867
2020	71.1294	2.5896	9.4134	0.0213	1.6984	0.1216	1.8200	0.4505	0.1208	0.5713	0.0000	1,552.0203	1,552.0203	0.0981	0.0000	1,554.0811
2021	71.0779	2.3854	9.0246	0.0213	1.6984	0.1049	1.8033	0.4505	0.1041	0.5546	0.0000	1,533.2649	1,533.2649	0.0935	0.0000	1,535.2284
Total	242.5810	224.7716	448.5168	0.7110	51.4700	9.7225	60.4472	18.8706	9.0518	27.2368	0.0000	60,616.1286	60,616.1286	5.4348	0.0000	60,730.2590

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	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169,532.0	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709
Energy	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
Mobile	73.5310	155.2088	847.9749	1.3673	92.1430	2.8180	94.9609	24.5958	2.5971	27.1929		104,202.1309	104,202.1309	4.1620		104,289.5331
Total	134.1086	174.0780	964.2508	1.6341	92.1430	13.2466	105.3896	24.5958	13.0166	37.6124	1,169,532.0	139,162.3843	140,331.9163	10.3913	0.6392	140,748.2742

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	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495
Energy	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
Mobile	73.5310	155.2088	847.9749	1.3673	92.1430	2.8180	94.9609	24.5958	2.5971	27.1929		104,202.1309	104,202.1309	4.1620		104,289.5331
Total	118.3830	173.2855	915.6099	1.4757	92.1430	4.4512	96.5942	24.5958	4.2304	28.8261	0.0000	125,397.6784	125,397.6784	4.6601	0.3868	125,615.4528

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	11.73	0.46	5.04	9.70	0.00	66.40	8.35	0.00	67.50	23.36	100.00	9.89	10.64	55.15	39.48	10.75

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/1/2016	2/11/2016	5	30	
2	Grading	Grading	2/12/2016	5/5/2016	5	60	
3	Building Construction	Building Construction	5/6/2016	5/30/2019	5	800	
4	Paving	Paving	6/1/2019	8/23/2019	5	60	
5	Architectural Coating	Architectural Coating	8/24/2019	5/14/2021	5	450	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.15

Acres of Paving: 0

Residential Indoor: 1,316,250; Residential Outdoor: 438,750; Non-Residential Indoor: 2,098,046; Non-Residential Outdoor: 699,349
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,094.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	1,016.00	299.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	203.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Oxidation Catalyst for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.005 3	4,065.005 3	1.2262		4,090.754 4
Total	5.0771	54.6323	41.1053	0.0391	18.0663	2.9387	21.0049	9.9307	2.7036	12.6343		4,065.005 3	4,065.005 3	1.2262		4,090.754 4

3.2 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.1116	0.9545	1.6300e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		132.3586	132.3586	8.7000e-003		132.5413
Total	0.0709	0.1116	0.9545	1.6300e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		132.3586	132.3586	8.7000e-003		132.5413

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	5.0771	46.4375	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	5.0771	46.4375	41.1053	0.0391	7.0458	2.9387	9.9845	3.8730	2.7036	6.5766	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544

3.2 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0709	0.1116	0.9545	1.6300e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		132.3586	132.3586	8.7000e-003			132.5413
Total	0.0709	0.1116	0.9545	1.6300e-003	0.1506	9.9000e-004	0.1516	0.0400	9.0000e-004	0.0409		132.3586	132.3586	8.7000e-003			132.5413

3.3 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.4073	0.0000	6.4073	3.3531	0.0000	3.3531			0.0000				0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350			6,455.6154
Total	6.4795	74.8137	49.1374	0.0617	6.4073	3.5842	9.9915	3.3531	3.2975	6.6506		6,414.9807	6,414.9807	1.9350			6,455.6154

3.3 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3641	4.4183	5.0363	0.0128	0.3193	0.0997	0.4189	0.0876	0.0917	0.1792		1,285.0258	1,285.0258	7.4300e-003		1,285.1818
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0788	0.1240	1.0606	1.8100e-003	0.1673	1.0900e-003	0.1684	0.0444	1.0100e-003	0.0454		147.0651	147.0651	9.6700e-003		147.2681
Total	0.4429	4.5423	6.0969	0.0146	0.4866	0.1008	0.5874	0.1319	0.0927	0.2246		1,432.0909	1,432.0909	0.0171		1,432.4499

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.4988	0.0000	2.4988	1.3077	0.0000	1.3077			0.0000			0.0000
Off-Road	6.4795	63.5917	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	6.4795	63.5917	49.1374	0.0617	2.4988	3.5842	6.0831	1.3077	3.2975	4.6052	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154

3.3 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3641	4.4183	5.0363	0.0128	0.3193	0.0997	0.4189	0.0876	0.0917	0.1792		1,285.0258	1,285.0258	7.4300e-003		1,285.1818
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0788	0.1240	1.0606	1.8100e-003	0.1673	1.0900e-003	0.1684	0.0444	1.0100e-003	0.0454		147.0651	147.0651	9.6700e-003		147.2681
Total	0.4429	4.5423	6.0969	0.0146	0.4866	0.1008	0.5874	0.1319	0.0927	0.2246		1,432.0909	1,432.0909	0.0171		1,432.4499

3.4 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890

3.4 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.4391	22.0079	46.9068	0.0488	1.4522	0.4441	1.8962	0.4119	0.4083	0.8201		4,845.2877	4,845.2877	0.0341			4,846.0045
Worker	4.0026	6.2990	53.8759	0.0919	8.5006	0.0556	8.5562	2.2547	0.0511	2.3058		7,470.9061	7,470.9061	0.4912			7,481.2208
Total	7.4418	28.3069	100.7827	0.1406	9.9527	0.4997	10.4524	2.6666	0.4593	3.1259		12,316.1938	12,316.1938	0.5253			12,327.2253

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4062	24.2304	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890
Total	3.4062	24.2304	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620			2,683.1890

3.4 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.4391	22.0079	46.9068	0.0488	1.4522	0.4441	1.8962	0.4119	0.4083	0.8201		4,845.2877	4,845.2877	0.0341			4,846.0045
Worker	4.0026	6.2990	53.8759	0.0919	8.5006	0.0556	8.5562	2.2547	0.0511	2.3058		7,470.9061	7,470.9061	0.4912			7,481.2208
Total	7.4418	28.3069	100.7827	0.1406	9.9527	0.4997	10.4524	2.6666	0.4593	3.1259		12,316.1938	12,316.1938	0.5253			12,327.2253

3.4 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490
Total	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497			2,653.4490

3.4 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.0368	19.7175	43.8754	0.0487	1.4522	0.3884	1.8407	0.4119	0.3571	0.7690		4,762.8325	4,762.8325	0.0322			4,763.5086
Worker	3.5902	5.7292	48.5599	0.0918	8.5006	0.0540	8.5546	2.2547	0.0498	2.3045		7,164.7731	7,164.7731	0.4547			7,174.3217
Total	6.6270	25.4467	92.4353	0.1404	9.9528	0.4424	10.3952	2.6666	0.4069	3.0735		11,927.6056	11,927.6056	0.4869			11,937.8302

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1024	22.4448	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490
Total	3.1024	22.4448	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497			2,653.4490

3.4 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	3.0368	19.7175	43.8754	0.0487	1.4522	0.3884	1.8407	0.4119	0.3571	0.7690		4,762.8325	4,762.8325	0.0322			4,763.5086
Worker	3.5902	5.7292	48.5599	0.0918	8.5006	0.0540	8.5546	2.2547	0.0498	2.3045		7,164.7731	7,164.7731	0.4547			7,174.3217
Total	6.6270	25.4467	92.4353	0.1404	9.9528	0.4424	10.3952	2.6666	0.4069	3.0735		11,927.6056	11,927.6056	0.4869			11,937.8302

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387			2,623.3517
Total	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387			2,623.3517

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.7022	17.9086	41.3753	0.0485	1.4515	0.3639	1.8154	0.4116	0.3347	0.7463		4,677.2574	4,677.2574	0.0316			4,677.9216
Worker	3.2322	5.2464	44.0497	0.0917	8.5006	0.0531	8.5537	2.2547	0.0491	2.3039		6,887.7278	6,887.7278	0.4242			6,896.6363
Total	5.9344	23.1550	85.4250	0.1402	9.9521	0.4171	10.3691	2.6663	0.3838	3.0501		11,564.9852	11,564.9852	0.4558			11,574.5579

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.6687	19.7717	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517
Total	2.6687	19.7717	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387			2,623.3517

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.7022	17.9086	41.3753	0.0485	1.4515	0.3639	1.8154	0.4116	0.3347	0.7463		4,677.2574	4,677.2574	0.0316			4,677.9216
Worker	3.2322	5.2464	44.0497	0.0917	8.5006	0.0531	8.5537	2.2547	0.0491	2.3039		6,887.7278	6,887.7278	0.4242			6,896.6363
Total	5.9344	23.1550	85.4250	0.1402	9.9521	0.4171	10.3691	2.6663	0.3838	3.0501		11,564.9852	11,564.9852	0.4558			11,574.5579

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279			2,593.9479
Total	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279			2,593.9479

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4710	16.3650	39.4939	0.0484	1.4508	0.3379	1.7887	0.4113	0.3107	0.7221		4,593.5836	4,593.5836	0.0311			4,594.2359
Worker	2.9643	4.8424	40.6533	0.0916	8.5006	0.0532	8.5538	2.2547	0.0493	2.3040		6,628.6828	6,628.6828	0.4010			6,637.1029
Total	5.4353	21.2075	80.1471	0.1400	9.9514	0.3910	10.3425	2.6660	0.3600	3.0261		11,222.2664	11,222.2664	0.4320			11,231.3388

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	2.3516	17.8203	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279			2,593.9479
Total	2.3516	17.8203	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279			2,593.9479

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.4710	16.3650	39.4939	0.0484	1.4508	0.3379	1.7887	0.4113	0.3107	0.7221		4,593.5836	4,593.5836	0.0311			4,594.2359
Worker	2.9643	4.8424	40.6533	0.0916	8.5006	0.0532	8.5538	2.2547	0.0493	2.3040		6,628.6828	6,628.6828	0.4010			6,637.1029
Total	5.4353	21.2075	80.1471	0.1400	9.9514	0.3910	10.3425	2.6660	0.3600	3.0261		11,222.2664	11,222.2664	0.4320			11,231.3388

3.5 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989			2,223.6499
Paving	0.0760					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.5018	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989			2,223.6499

3.5 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0438	0.0715	0.6002	1.3500e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		97.8644	97.8644	5.9200e-003			97.9887
Total	0.0438	0.0715	0.6002	1.3500e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		97.8644	97.8644	5.9200e-003			97.9887

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.4259	12.6950	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989			2,223.6499
Paving	0.0760					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Total	1.5018	12.6950	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989			2,223.6499

3.5 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0438	0.0715	0.6002	1.3500e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		97.8644	97.8644	5.9200e-003			97.9887
Total	0.0438	0.0715	0.6002	1.3500e-003	0.1255	7.9000e-004	0.1263	0.0333	7.3000e-004	0.0340		97.8644	97.8644	5.9200e-003			97.9887

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473
Total	70.6009	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238			281.9473

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.5923	0.9675	8.1227	0.0183	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,324.4317	1,324.4317	0.0801			1,326.1141
Total	0.5923	0.9675	8.1227	0.0183	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,324.4317	1,324.4317	0.0801			1,326.1141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2664	1.5601	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238			281.9473
Total	70.6009	1.5601	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238			281.9473

3.6 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.5923	0.9675	8.1227	0.0183	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,324.4317	1,324.4317	0.0801			1,326.1141
Total	0.5923	0.9675	8.1227	0.0183	1.6984	0.0106	1.7091	0.4505	9.8500e-003	0.4604		1,324.4317	1,324.4317	0.0801			1,326.1141

3.6 Architectural Coating - 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						
Archit. Coating	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218			281.9057
Total	70.5767	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218			281.9057

3.6 Architectural Coating - 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	0.5528	0.9057	7.5819	0.0183	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,270.572 2	1,270.572 2	0.0763			1,272.175 4
Total	0.5528	0.9057	7.5819	0.0183	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,270.572 2	1,270.572 2	0.0763			1,272.175 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2422	1.4313	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218			281.9057
Total	70.5767	1.4313	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218			281.9057

3.6 Architectural Coating - 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	0.5528	0.9057	7.5819	0.0183	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,270.572 2	1,270.572 2	0.0763			1,272.175 4
Total	0.5528	0.9057	7.5819	0.0183	1.6984	0.0107	1.7091	0.4505	9.8700e-003	0.4604		1,270.572 2	1,270.572 2	0.0763			1,272.175 4

3.6 Architectural Coating - 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						
Archit. Coating	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537
Total	70.5534	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193			281.8537

3.6 Architectural Coating - 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	0.5245	0.8585	7.2070	0.0183	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,251.8169	1,251.8169	0.0742			1,253.3748
Total	0.5245	0.8585	7.2070	0.0183	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,251.8169	1,251.8169	0.0742			1,253.3748

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	70.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Off-Road	0.2189	1.2978	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.8537
Total	70.5534	1.2978	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193			281.8537

3.6 Architectural Coating - 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	0.5245	0.8585	7.2070	0.0183	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,251.8169	1,251.8169	0.0742			1,253.3748
Total	0.5245	0.8585	7.2070	0.0183	1.6984	0.0108	1.7092	0.4505	0.0100	0.4605		1,251.8169	1,251.8169	0.0742			1,253.3748

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	73.5310	155.2088	847.9749	1.3673	92.1430	2.8180	94.9609	24.5958	2.5971	27.1929		104,202.1309	104,202.1309	4.1620		104,289.5331
Unmitigated	73.5310	155.2088	847.9749	1.3673	92.1430	2.8180	94.9609	24.5958	2.5971	27.1929		104,202.1309	104,202.1309	4.1620		104,289.5331

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	2,665.00	2,756.00	3945.50	6,399,671	6,399,671
City Park	1.14	1.14	1.14	2,183	2,183
General Office Building	1,281.18	239.61	95.84	2,055,285	2,055,285
Hotel	5,177.00	5,077.80	3689.00	7,351,338	7,351,338
Other Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	13,668.30	18,208.74	7407.94	17,777,143	17,777,143
Total	22,792.62	26,283.29	15,139.43	33,585,620	33,585,620

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	11.00	3.50	4.50	40.20	19.20	40.60	86	11	3
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
General Office Building	12.50	4.20	5.40	33.00	48.00	19.00	77	19	4
Hotel	12.50	4.20	5.40	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Regional Shopping Center	12.50	4.20	5.40	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.469364	0.065576	0.169825	0.159036	0.038089	0.006139	0.011322	0.071493	0.001371	0.001211	0.003602	0.000518	0.002454

5.0 Energy Detail

5.1 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702
NaturalGas Unmitigated	1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	21358.7	0.2303	1.9684	0.8376	0.0126		0.1591	0.1591		0.1591	0.1591		2,512.7921	2,512.7921	0.0482	0.0461	2,528.0845
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
General Office Building	978	0.0106	0.0959	0.0805	5.8000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003		115.0588	115.0588	2.2100e-003	2.1100e-003	115.7591
Hotel	155137	1.6731	15.2095	12.7760	0.0913		1.1559	1.1559		1.1559	1.1559		18,251.4411	18,251.4411	0.3498	0.3346	18,362.5163
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1865.53	0.0201	0.1829	0.1536	1.1000e-003		0.0139	0.0139		0.0139	0.0139		219.4746	219.4746	4.2100e-003	4.0200e-003	220.8103
Total		1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

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
General Office Building	0.978	0.0106	0.0959	0.0805	5.8000e-004		7.2900e-003	7.2900e-003		7.2900e-003	7.2900e-003		115.0588	115.0588	2.2100e-003	2.1100e-003	115.7591
Hotel	155.137	1.6731	15.2095	12.7760	0.0913		1.1559	1.1559		1.1559	1.1559		18,251.4411	18,251.4411	0.3498	0.3346	18,362.5163
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.86553	0.0201	0.1829	0.1536	1.1000e-003		0.0139	0.0139		0.0139	0.0139		219.4746	219.4746	4.2100e-003	4.0200e-003	220.8103
Apartments High Rise	21.3587	0.2303	1.9684	0.8376	0.0126		0.1591	0.1591		0.1591	0.1591		2,512.7921	2,512.7921	0.0482	0.0461	2,528.0845
Total		1.9341	17.4567	13.8478	0.1055		1.3363	1.3363		1.3363	1.3363		21,098.7666	21,098.7666	0.4044	0.3868	21,227.1702

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- No Hearths Installed
- 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	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495
Unmitigated	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169.5320	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709

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	6.5601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	43.8421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	6.6102	0.7924	48.6409	0.1585		8.7954	8.7954		8.7863	8.7863	1,169.5320	13,764.7059	14,934.2379	5.7312	0.2524	15,132.8214
Landscaping	1.6311	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970		96.7809	96.7809	0.0937		98.7495
Total	58.6436	1.4125	102.4281	0.1613		9.0924	9.0924		9.0832	9.0832	1,169.5320	13,861.4868	15,031.0188	5.8249	0.2524	15,231.5709

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	0.7226					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	40.5642					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6311	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970		96.7809	96.7809	0.0937		98.7495
Total	42.9179	0.6201	53.7872	2.8400e-003		0.2970	0.2970		0.2970	0.2970	0.0000	96.7809	96.7809	0.0937	0.0000	98.7495

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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